FIG. 1

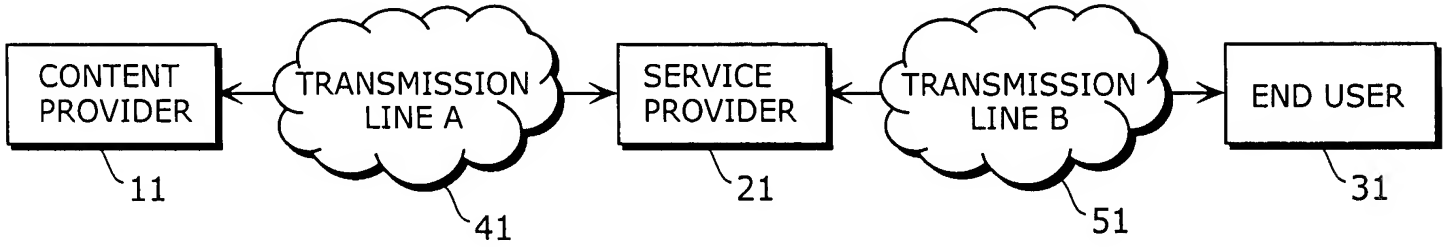

CONTENT PROVIDER
11
TRANSMISSION LINE A
41
SERVICE PROVIDER
21
TRANSMISSION LINE B
51
END USER
31

FIG. 2

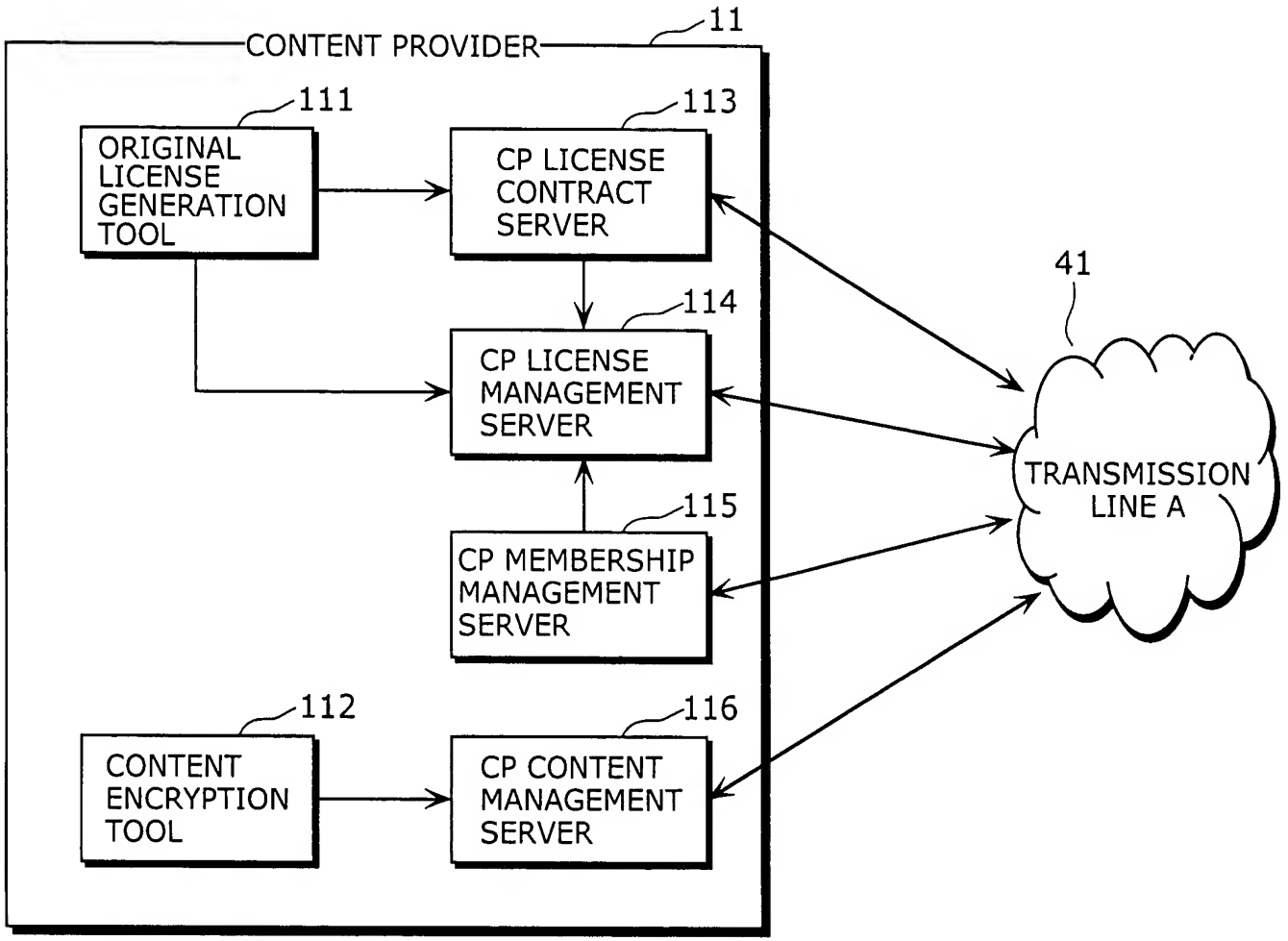

CONTENT PROVIDER
11
111
ORIGINAL LICENSE GENERATION TOOL
113
CP LICENSE CONTRACT SERVER
114
CP LICENSE MANAGEMENT SERVER
115
CP MEMBERSHIP MANAGEMENT SERVER
112
CONTENT ENCRYPTION TOOL
116
CP CONTENT MANAGEMENT SERVER
41
TRANSMISSION LINE A

FIG. 3

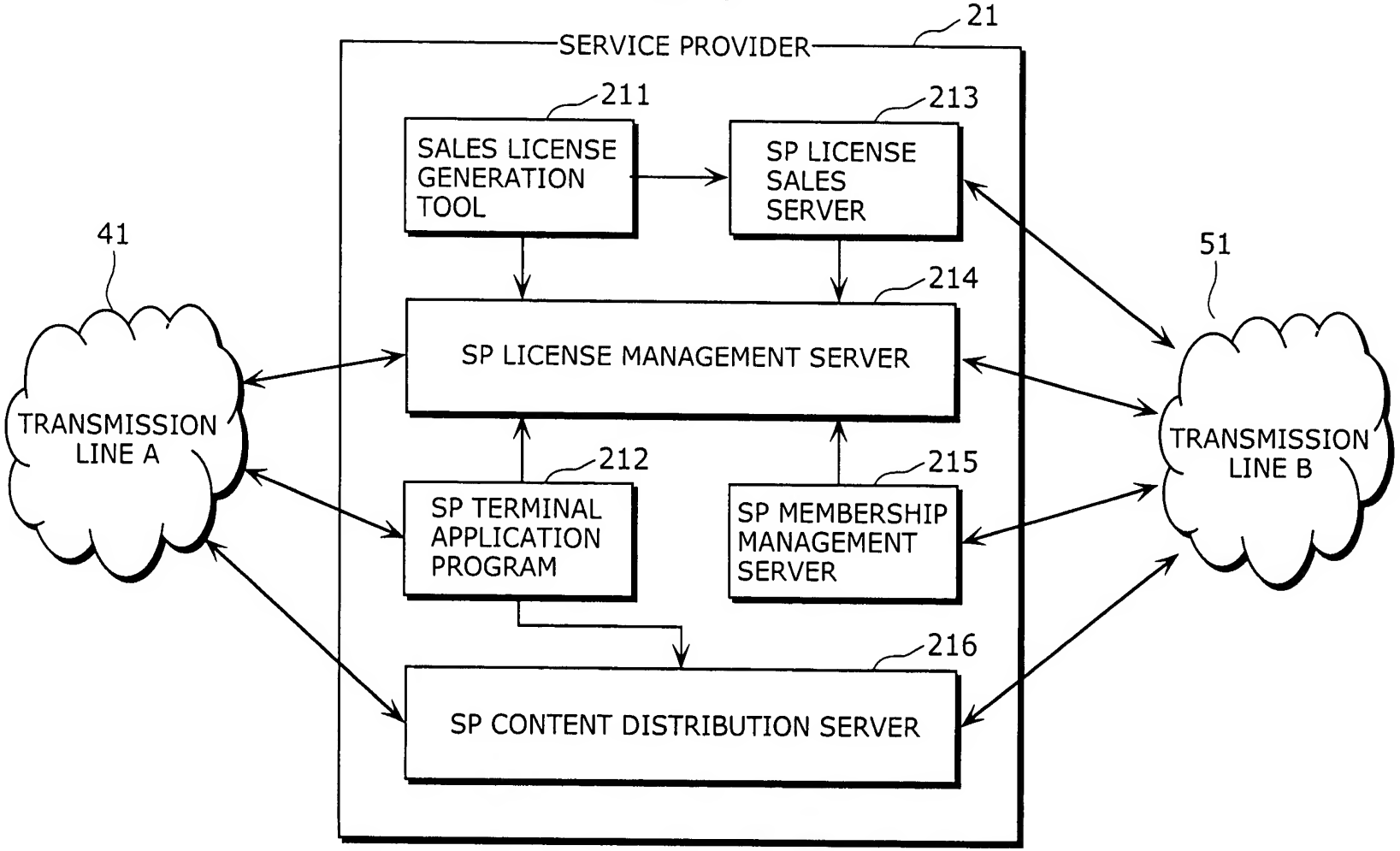

SERVICE PROVIDER
21
211
213
SALES LICENSE GENERATION TOOL
SP LICENSE SALES SERVER
41
51
214
SP LICENSE MANAGEMENT SERVER
TRANSMISSION LINE A
TRANSMISSION LINE B
212
215
SP TERMINAL APPLICATION PROGRAM
SP MEMBERSHIP MANAGEMENT SERVER
216
SP CONTENT DISTRIBUTION SERVER

FIG. 4

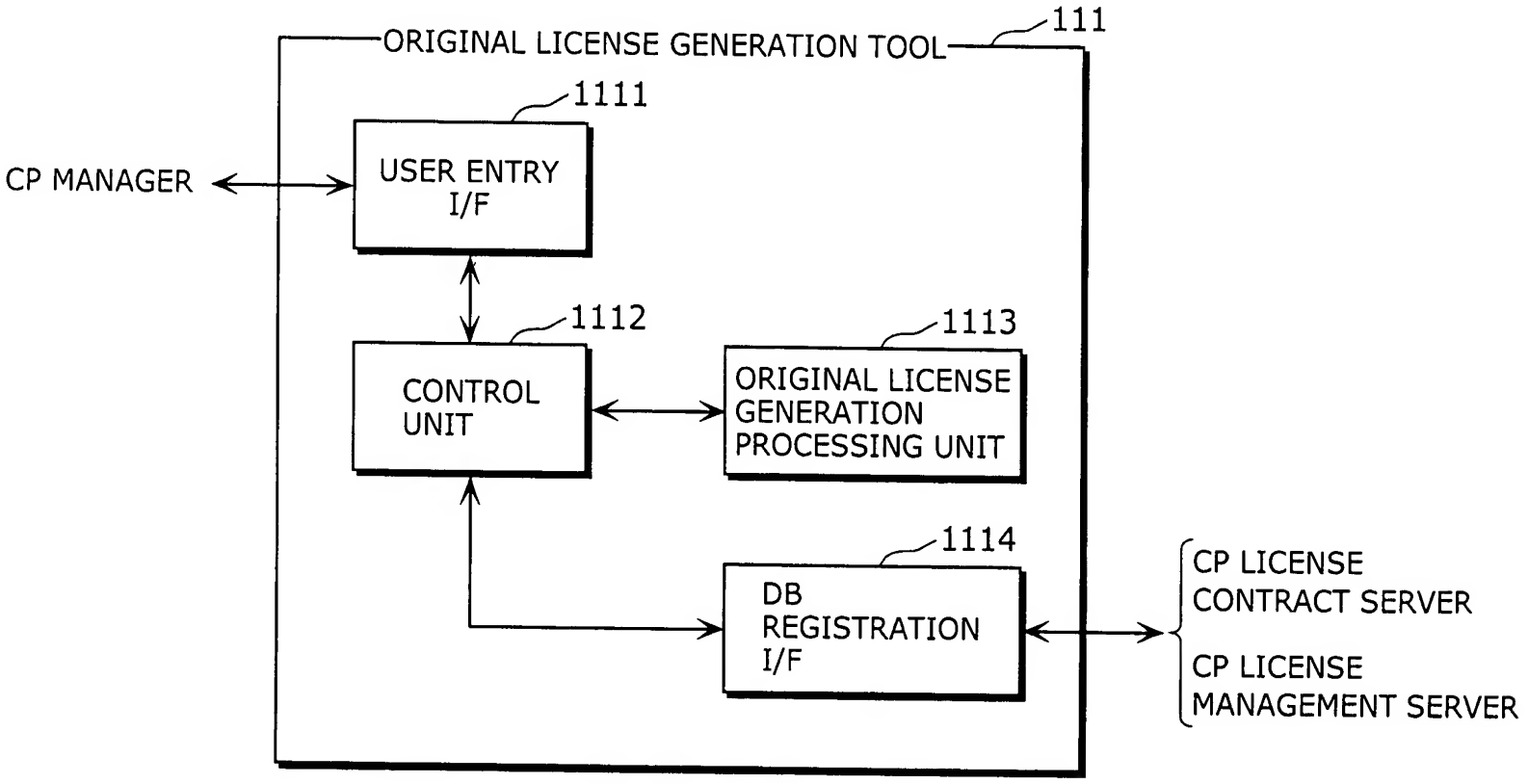

ORIGINAL LICENSE GENERATION TOOL
111
1111
USER ENTRY I/F
CP MANAGER
1112
CONTROL UNIT
1113
ORIGINAL LICENSE GENERATION PROCESSING UNIT
1114
DB REGISTRATION I/F
CP LICENSE CONTRACT SERVER
CP LICENSE MANAGEMENT SERVER

FIG. 5

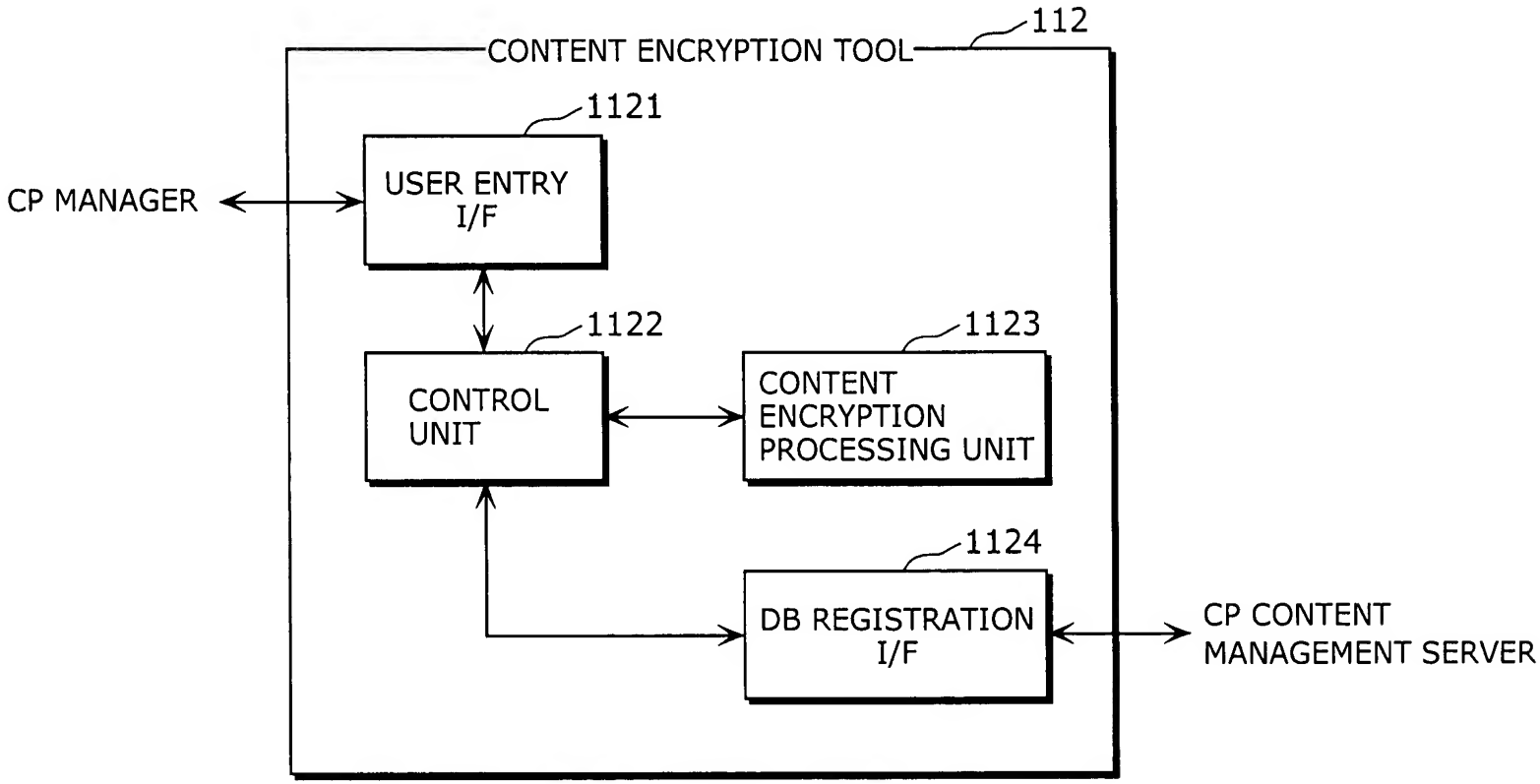

CONTENT ENCRYPTION TOOL
112
1121
USER ENTRY I/F
CP MANAGER
1122
CONTROL UNIT
1123
CONTENT ENCRYPTION PROCESSING UNIT
1124
DB REGISTRATION I/F
CP CONTENT MANAGEMENT SERVER

FIG. 6

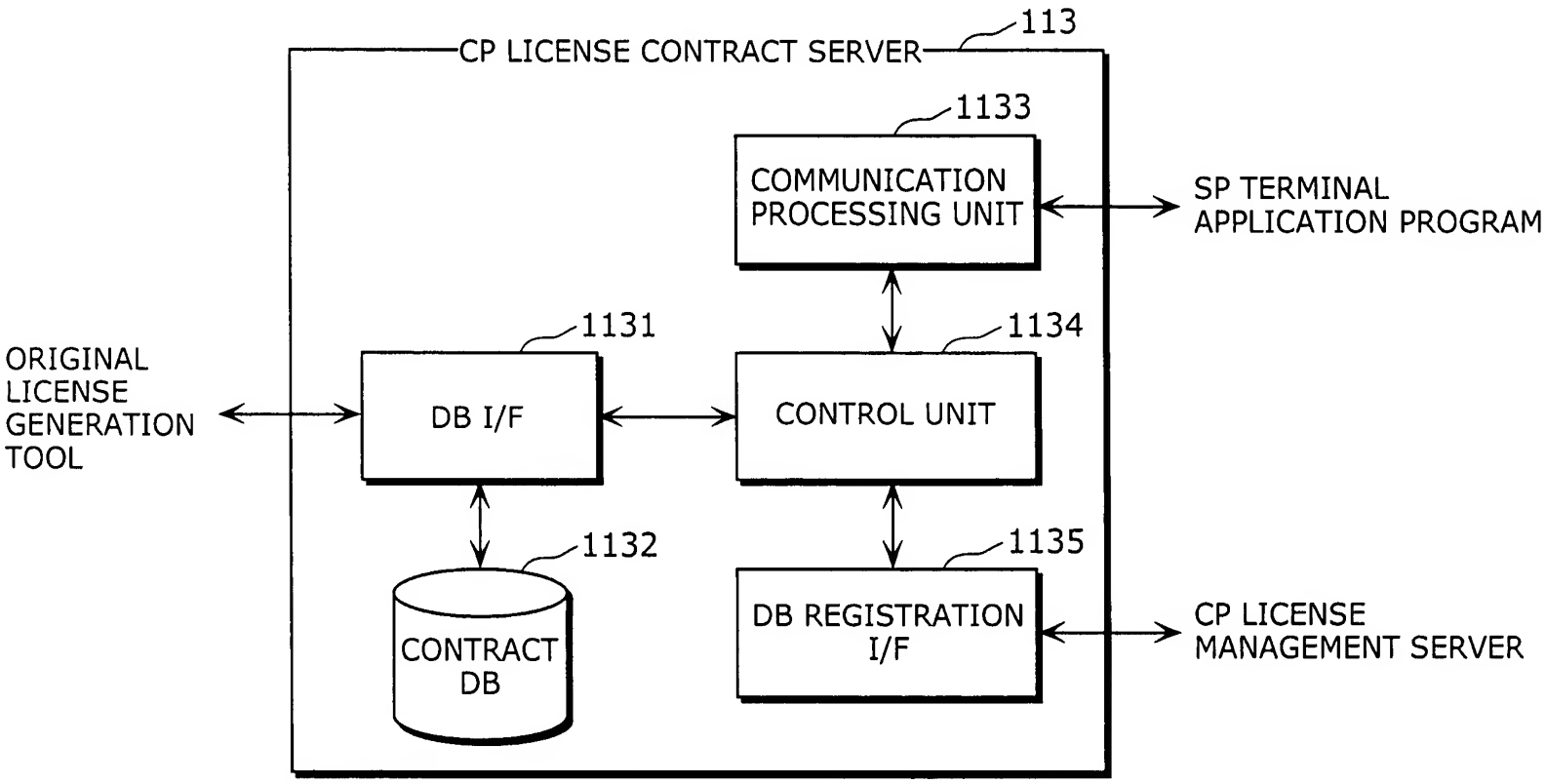

CP LICENSE CONTRACT SERVER
113
1133
COMMUNICATION PROCESSING UNIT
SP TERMINAL APPLICATION PROGRAM
1131
1134
ORIGINAL LICENSE GENERATION TOOL
DB I/F
CONTROL UNIT
1132
1135
CONTRACT DB
DB REGISTRATION I/F
CP LICENSE MANAGEMENT SERVER

FIG. 7

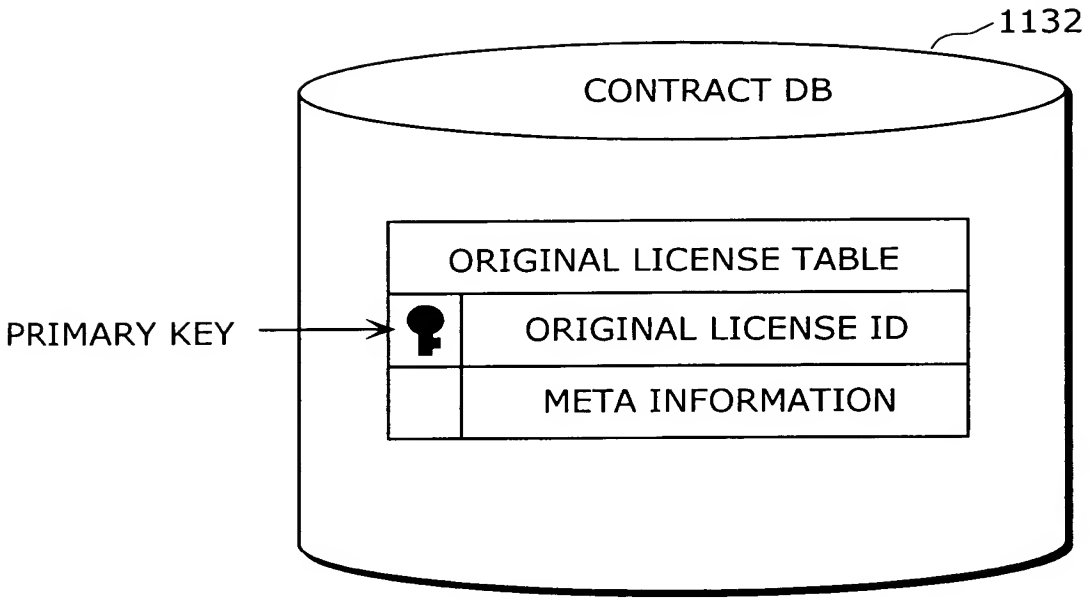

1132
CONTRACT DB
ORIGINAL LICENSE TABLE
PRIMARY KEY
ORIGINAL LICENSE ID
META INFORMATION

FIG. 8

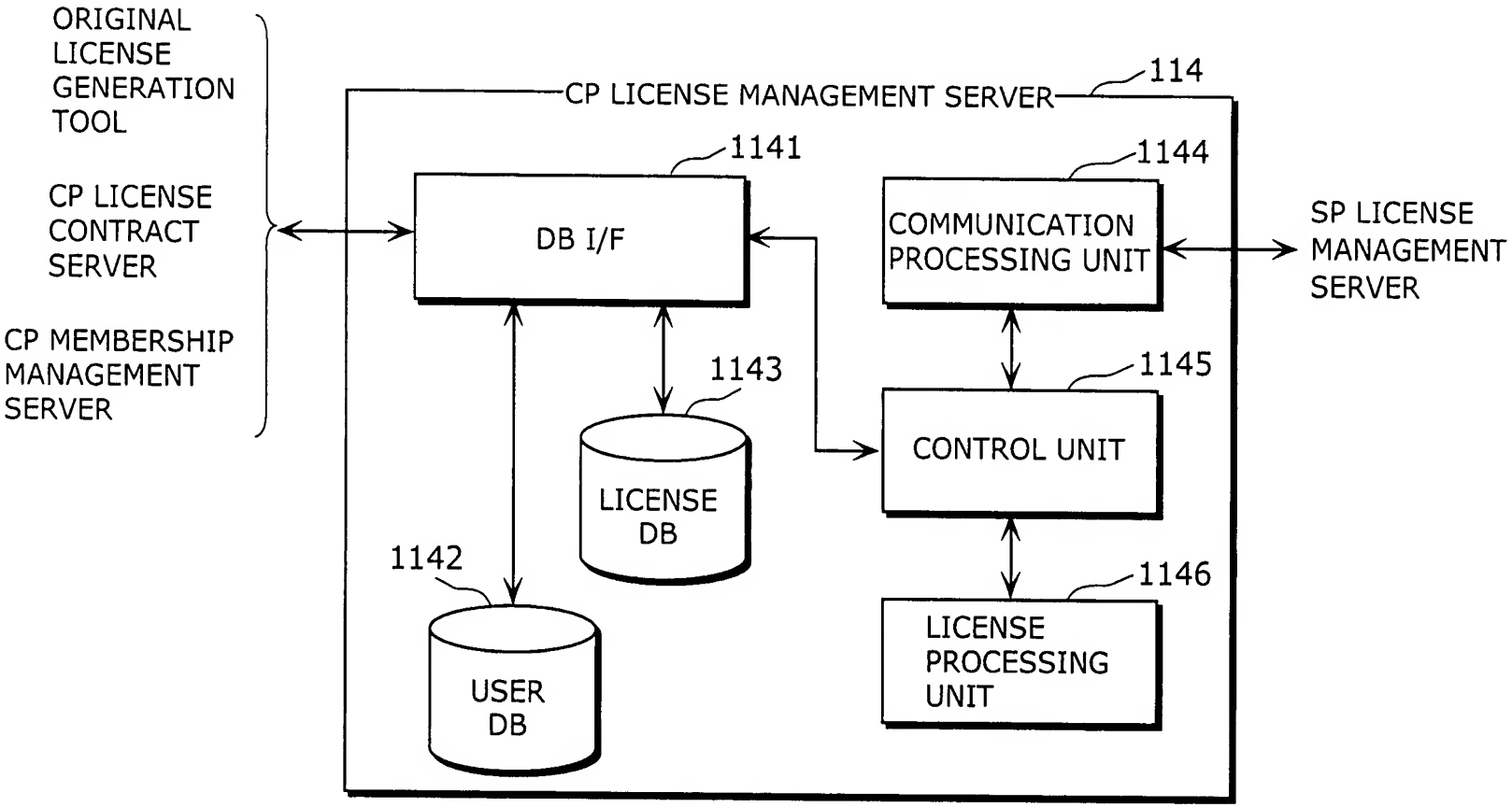

ORIGINAL LICENSE GENERATION TOOL
CP LICENSE CONTRACT SERVER
CP MEMBERSHIP MANAGEMENT SERVER
CP LICENSE MANAGEMENT SERVER
114
1141
DB I/F
1144
COMMUNICATION PROCESSING UNIT
SP LICENSE MANAGEMENT SERVER
1143
LICENSE DB
1145
CONTROL UNIT
1142
USER DB
1146
LICENSE PROCESSING UNIT

FIG. 9

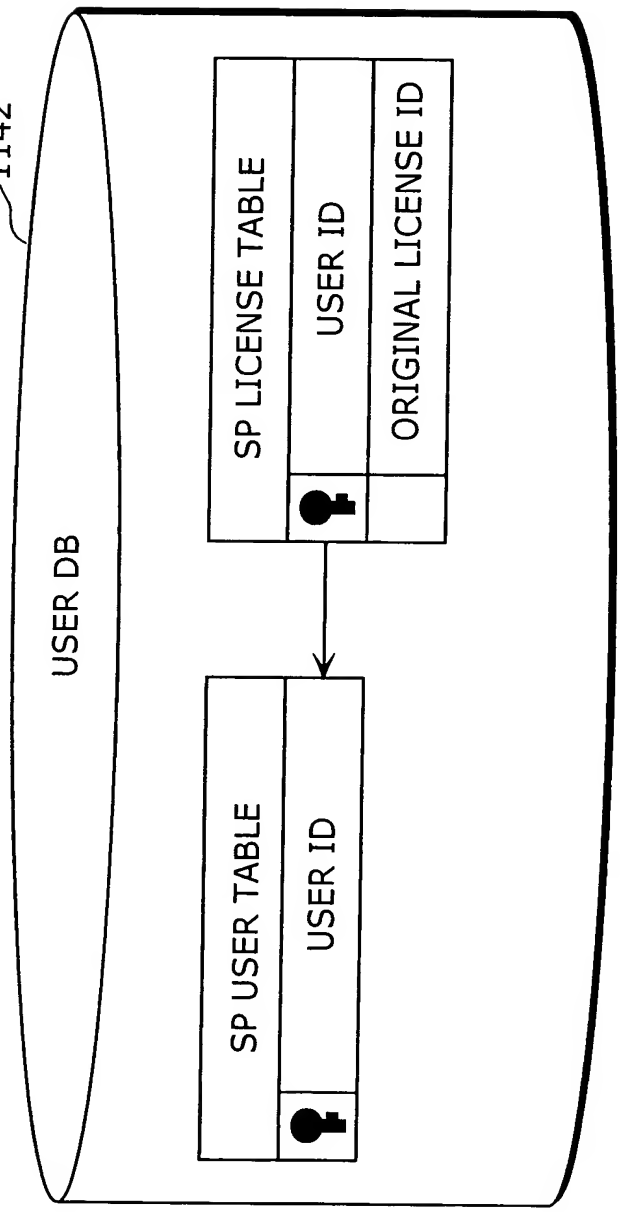

1142
USER DB
SP LICENSE TABLE
USER ID
ORIGINAL LICENSE ID
SP USER TABLE
USER ID

FIG. 10

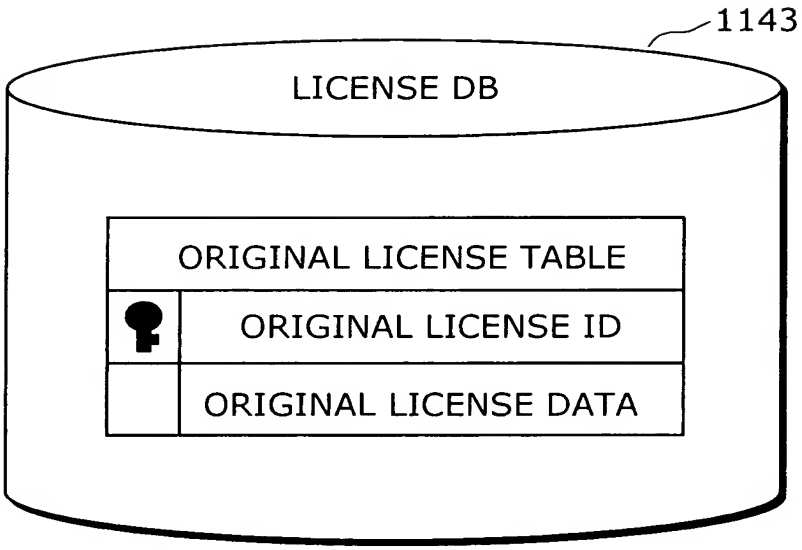

1143
LICENSE DB
ORIGINAL LICENSE TABLE
ORIGINAL LICENSE ID
ORIGINAL LICENSE DATA

FIG. 11

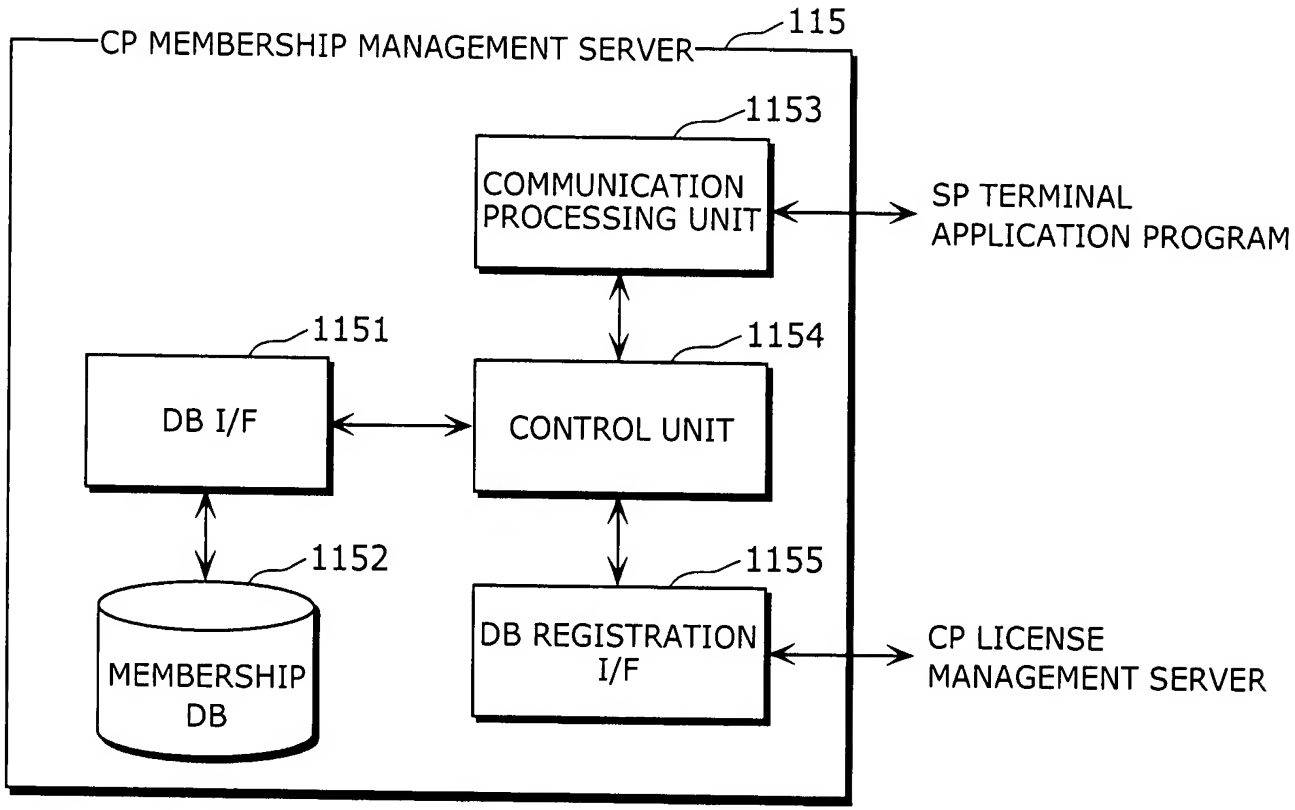

CP MEMBERSHIP MANAGEMENT SERVER
115
1153
COMMUNICATION PROCESSING UNIT
SP TERMINAL APPLICATION PROGRAM
1151
1154
DB I/F
CONTROL UNIT
1152
1155
MEMBERSHIP DB
DB REGISTRATION I/F
CP LICENSE MANAGEMENT SERVER

FIG. 12

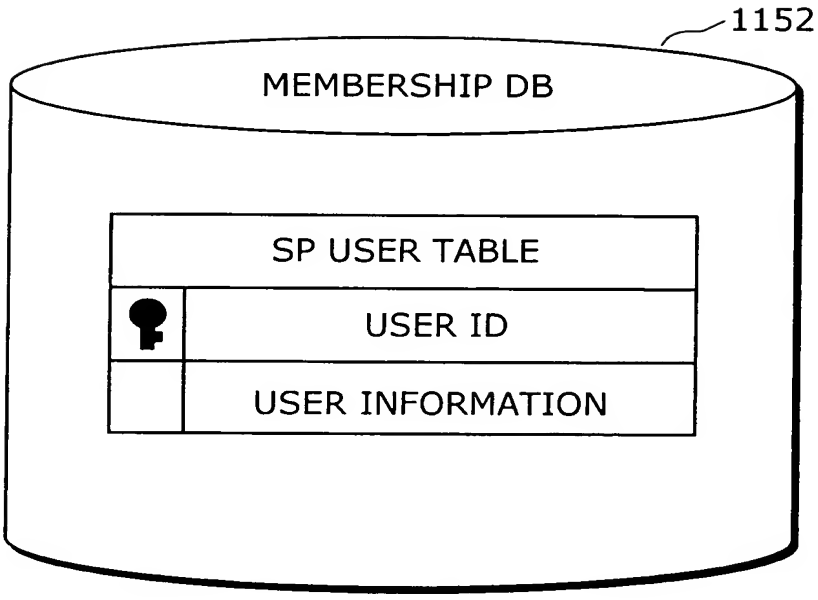


FIG. 13

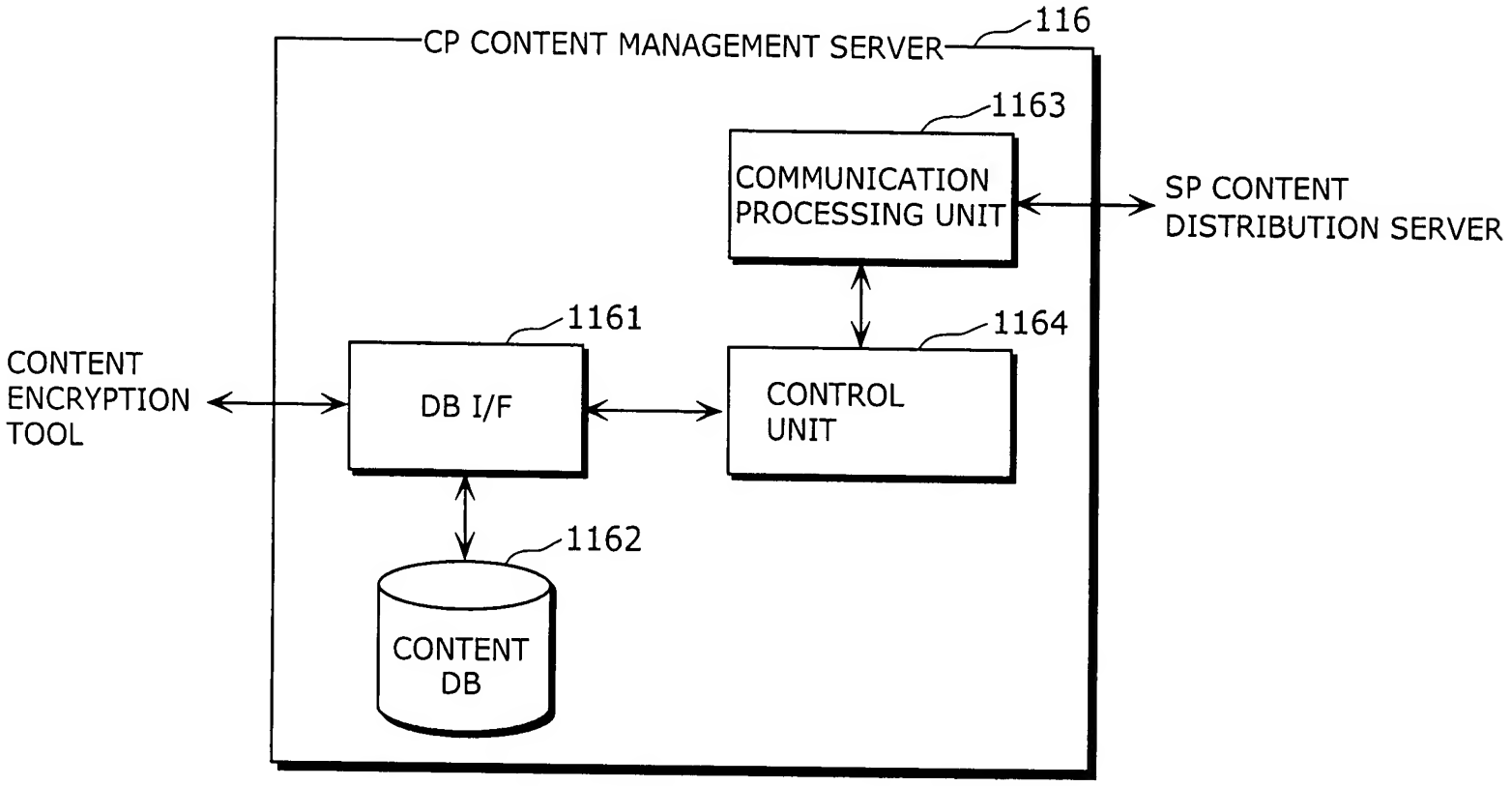

CP CONTENT MANAGEMENT SERVER
116
1163
COMMUNICATION PROCESSING UNIT
SP CONTENT DISTRIBUTION SERVER
1161
1164
CONTENT ENCRYPTION TOOL
DB I/F
CONTROL UNIT
1162
CONTENT DB

FIG. 14

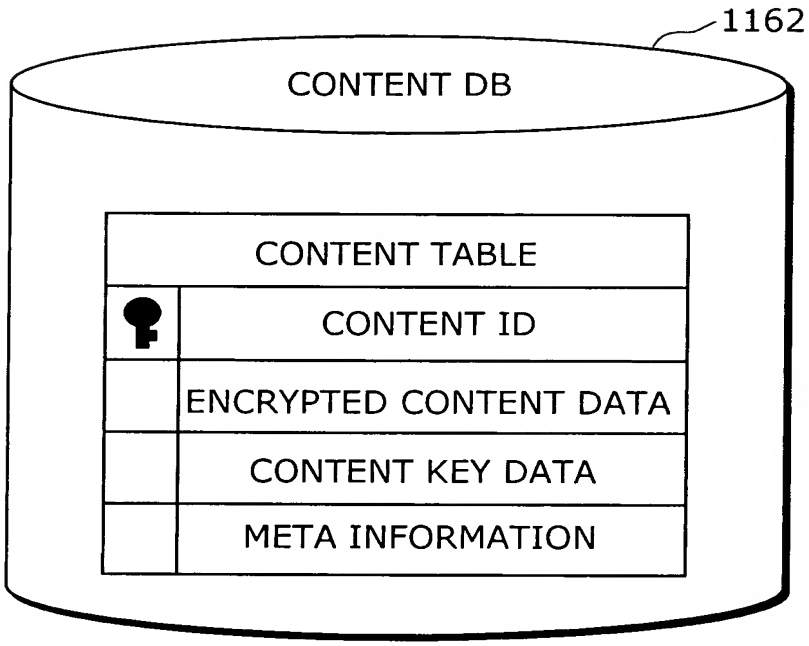

1162
CONTENT DB
CONTENT TABLE
CONTENT ID
ENCRYPTED CONTENT DATA
CONTENT KEY DATA
META INFORMATION

FIG. 15

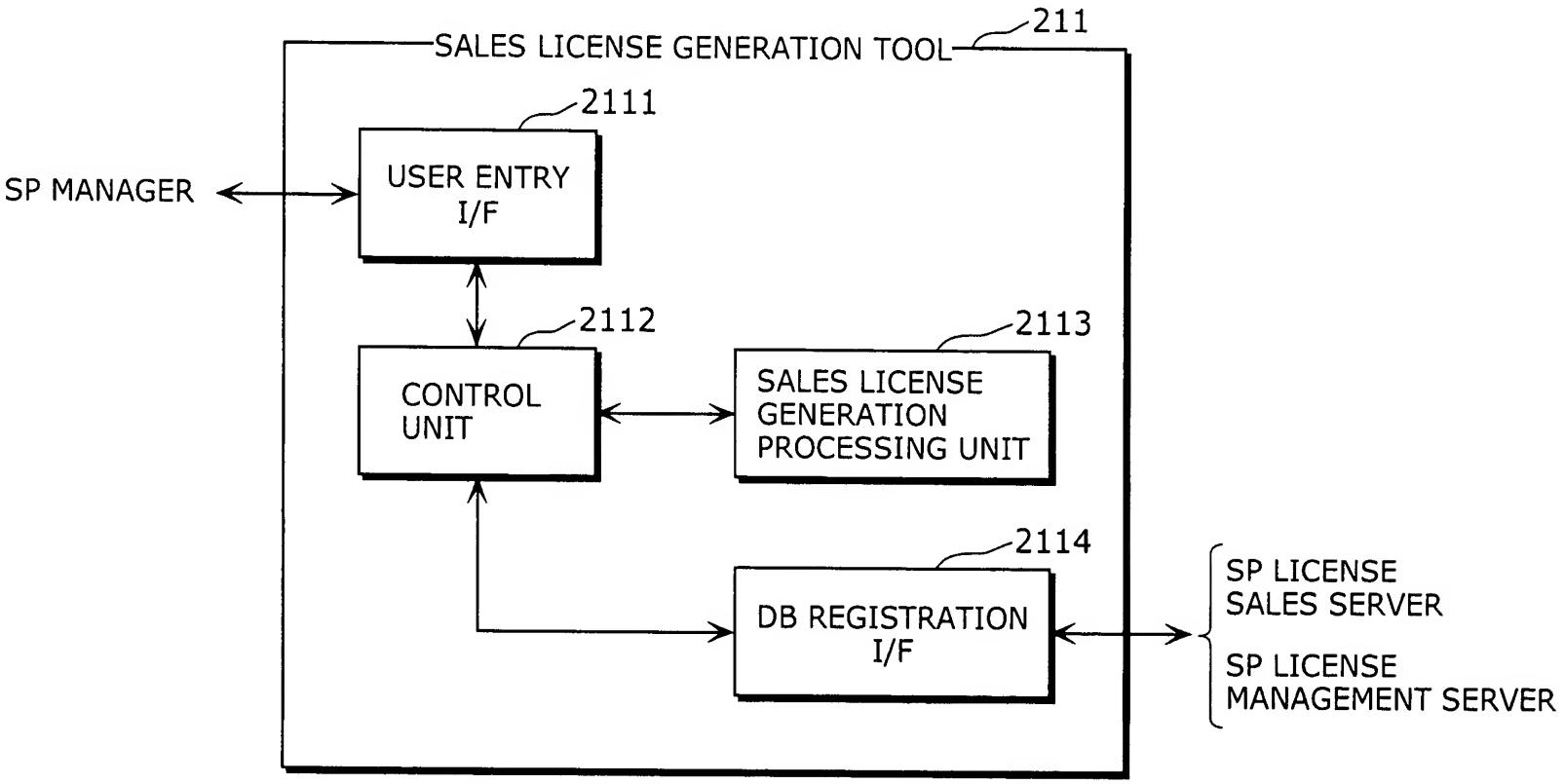

SALES LICENSE GENERATION TOOL
211
2111
USER ENTRY I/F
SP MANAGER
2112
CONTROL UNIT
2113
SALES LICENSE GENERATION PROCESSING UNIT
2114
DB REGISTRATION I/F
SP LICENSE SALES SERVER
SP LICENSE MANAGEMENT SERVER

FIG. 16

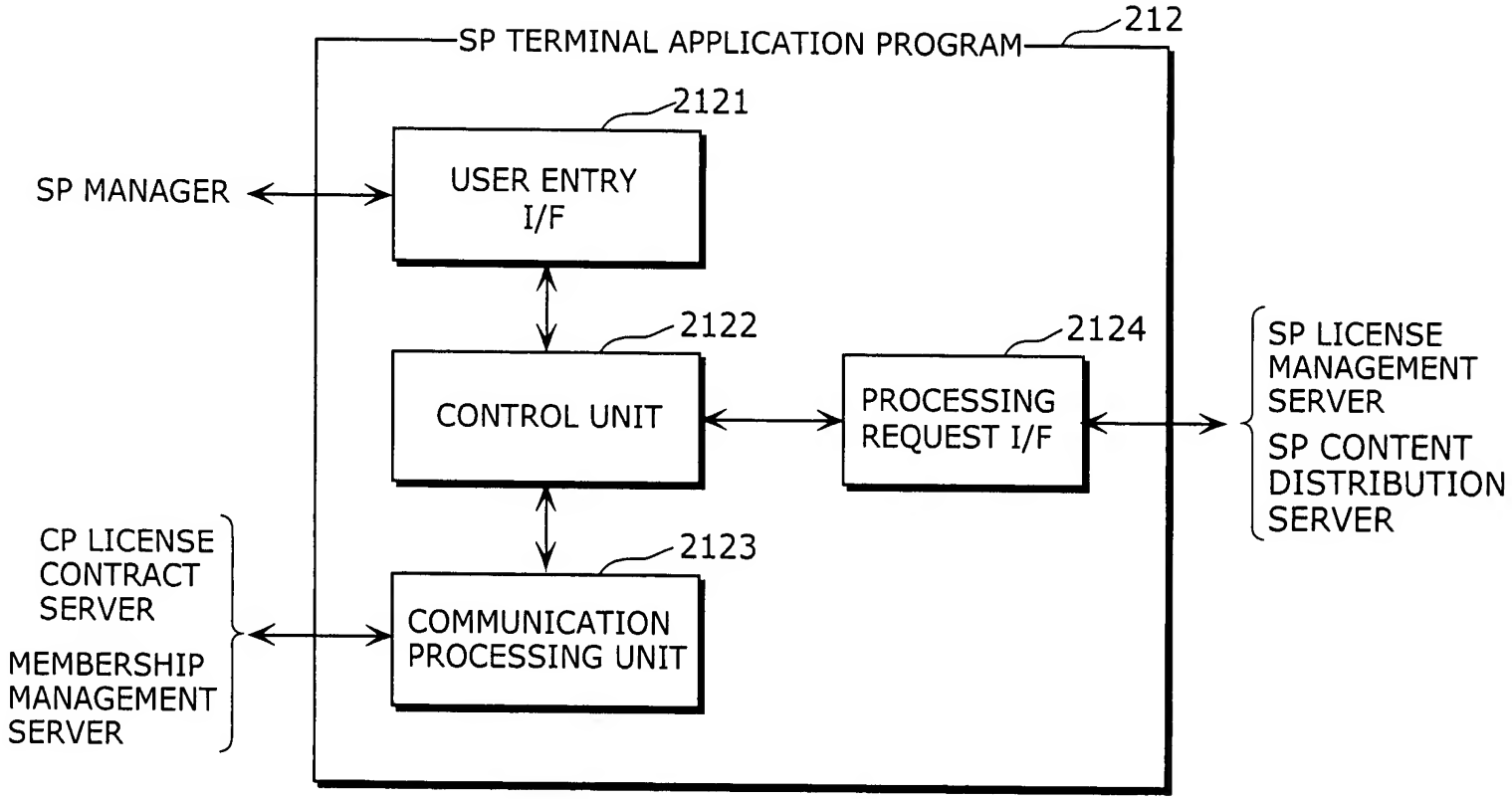

SP TERMINAL APPLICATION PROGRAM
212
2121
USER ENTRY I/F
SP MANAGER
2122
CONTROL UNIT
2124
PROCESSING REQUEST I/F
SP LICENSE MANAGEMENT SERVER
SP CONTENT DISTRIBUTION SERVER
2123
COMMUNICATION PROCESSING UNIT
CP LICENSE CONTRACT SERVER
MEMBERSHIP MANAGEMENT SERVER

FIG. 17

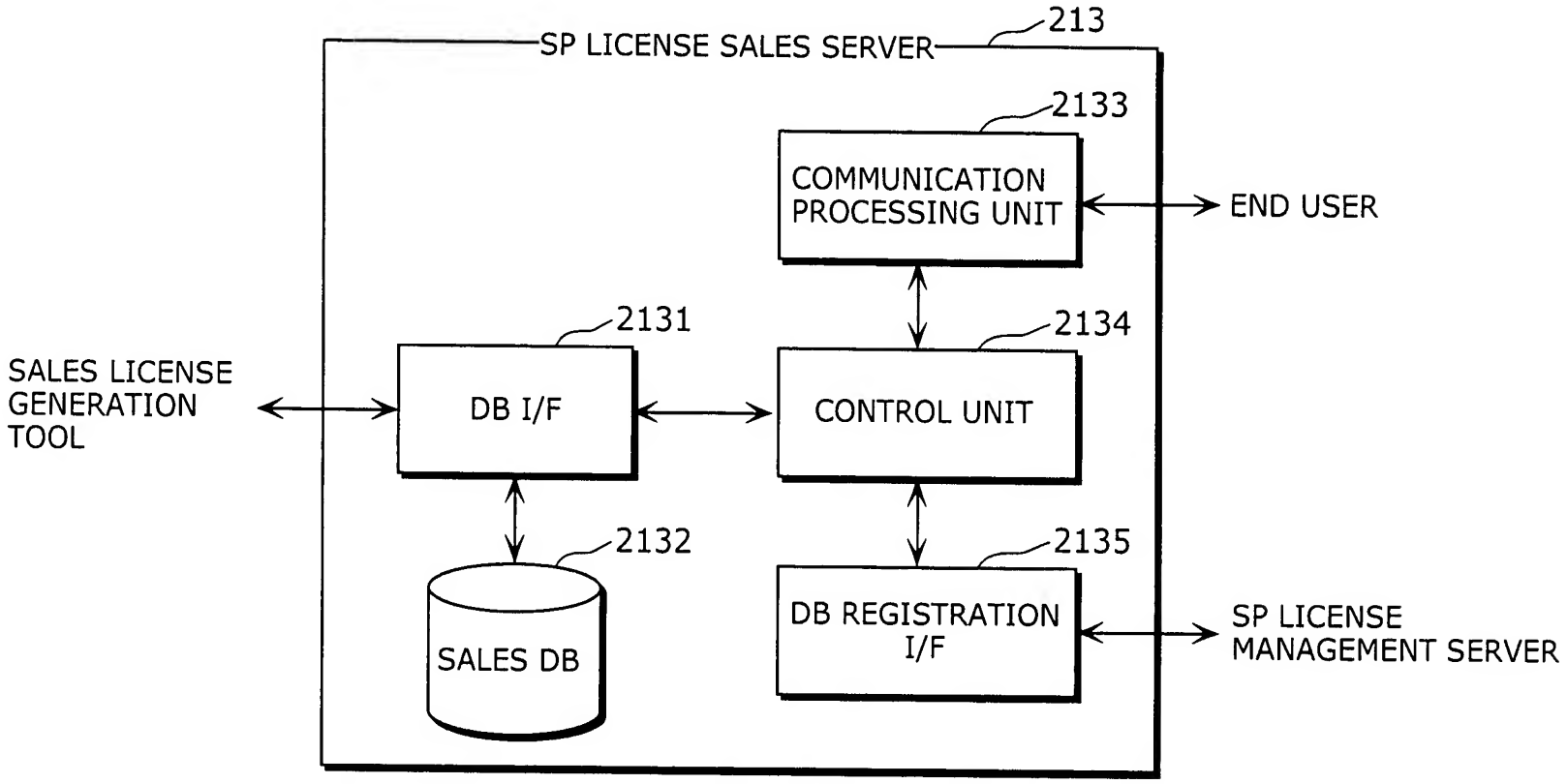

SP LICENSE SALES SERVER
213
2133
COMMUNICATION PROCESSING UNIT
END USER
2131
2134
SALES LICENSE GENERATION TOOL
DB I/F
CONTROL UNIT
2132
2135
SALES DB
DB REGISTRATION I/F
SP LICENSE MANAGEMENT SERVER

FIG. 18

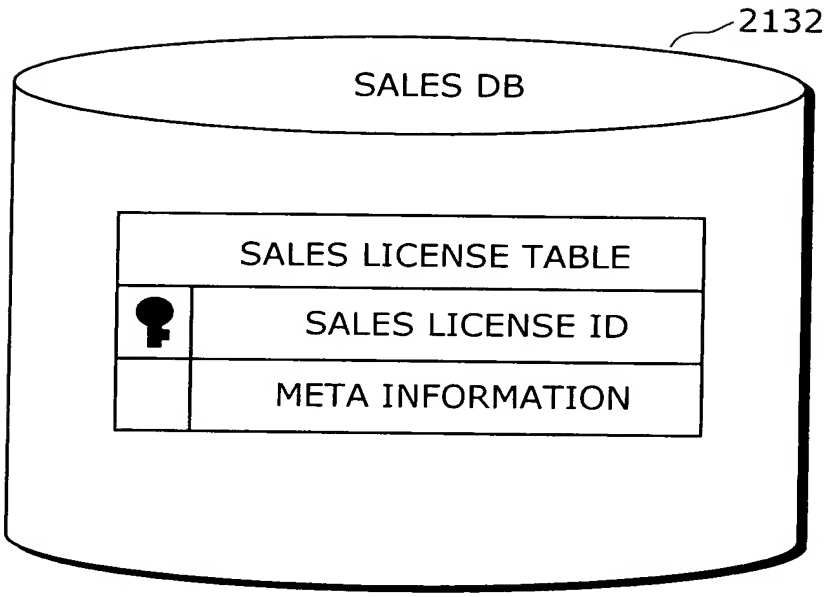

2132
SALES DB
SALES LICENSE TABLE
SALES LICENSE ID
META INFORMATION

FIG. 19

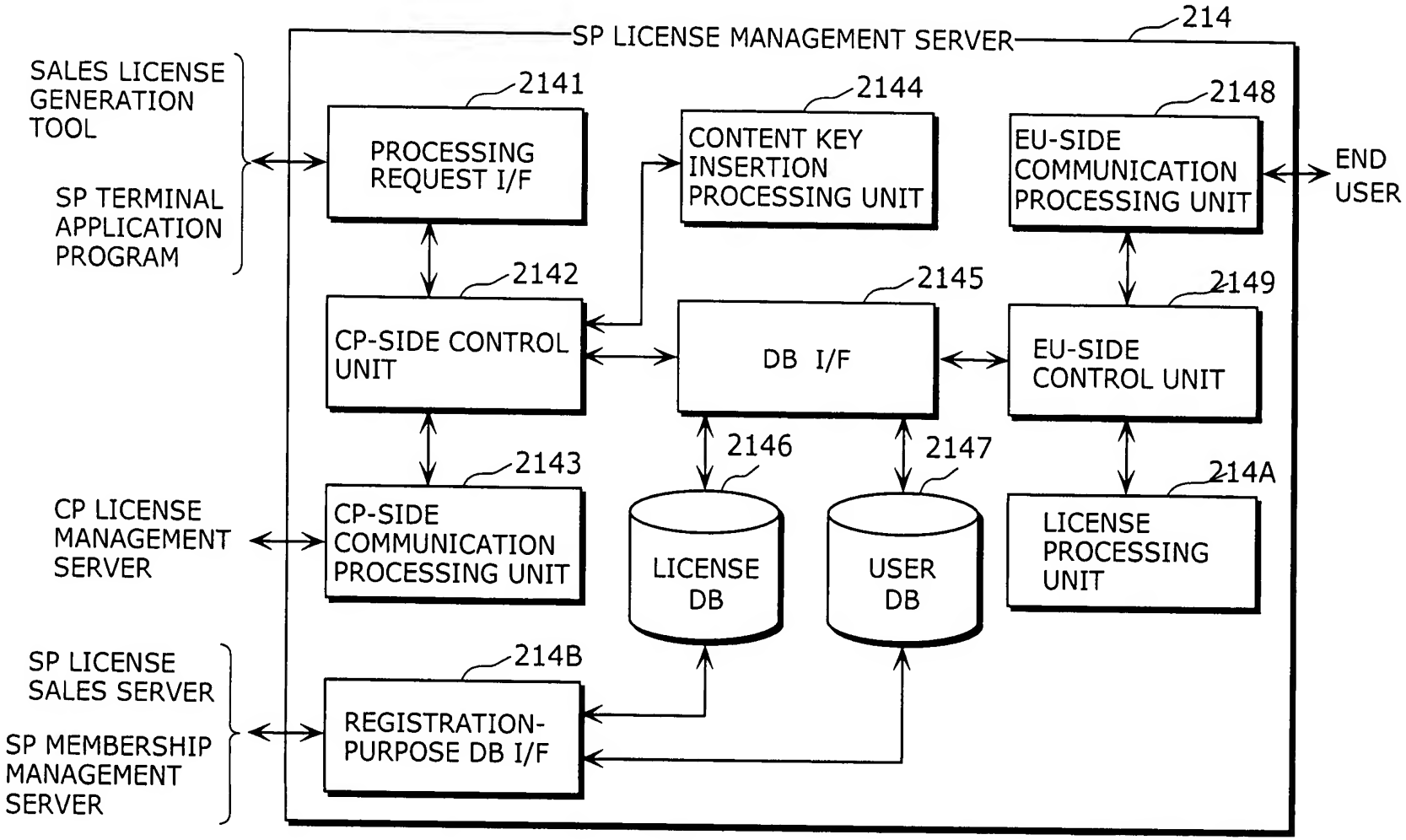

SP LICENSE MANAGEMENT SERVER
214
SALES LICENSE GENERATION TOOL
SP TERMINAL APPLICATION PROGRAM
2141
PROCESSING REQUEST I/F
2144
CONTENT KEY INSERTION PROCESSING UNIT
2148
EU-SIDE COMMUNICATION PROCESSING UNIT
END USER
2142
CP-SIDE CONTROL UNIT
2145
DB I/F
2149
EU-SIDE CONTROL UNIT
2146
2147
2143
CP LICENSE MANAGEMENT SERVER
CP-SIDE COMMUNICATION PROCESSING UNIT
LICENSE DB
USER DB
214A
LICENSE PROCESSING UNIT
SP LICENSE SALES SERVER
SP MEMBERSHIP MANAGEMENT SERVER
214B
REGISTRATION-PURPOSE DB I/F

FIG. 20

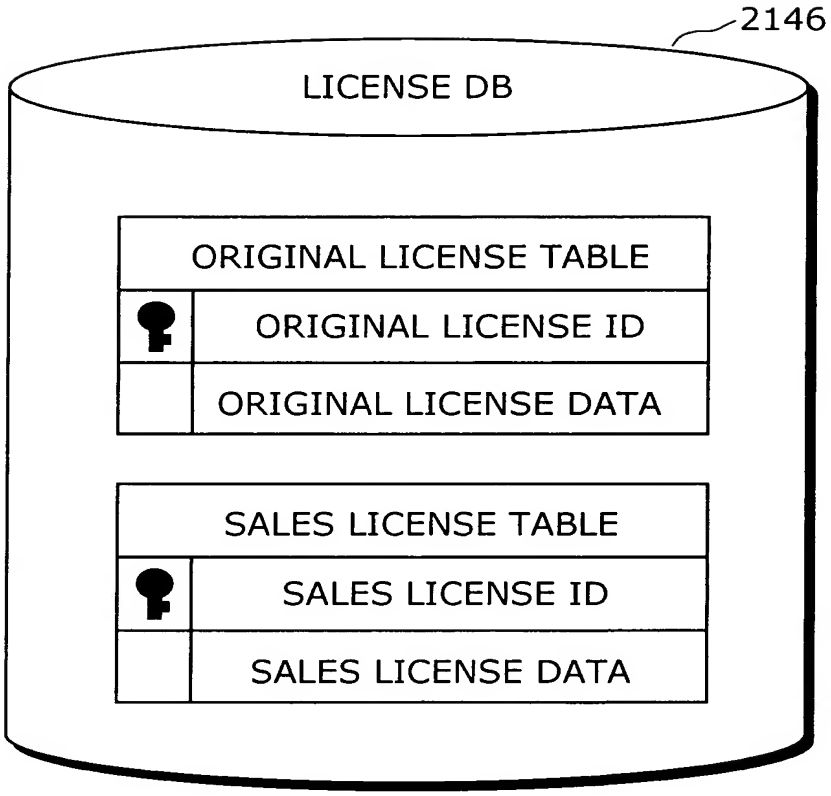

2146
LICENSE DB
ORIGINAL LICENSE TABLE
ORIGINAL LICENSE ID
ORIGINAL LICENSE DATA
SALES LICENSE TABLE
SALES LICENSE ID
SALES LICENSE DATA

FIG. 21

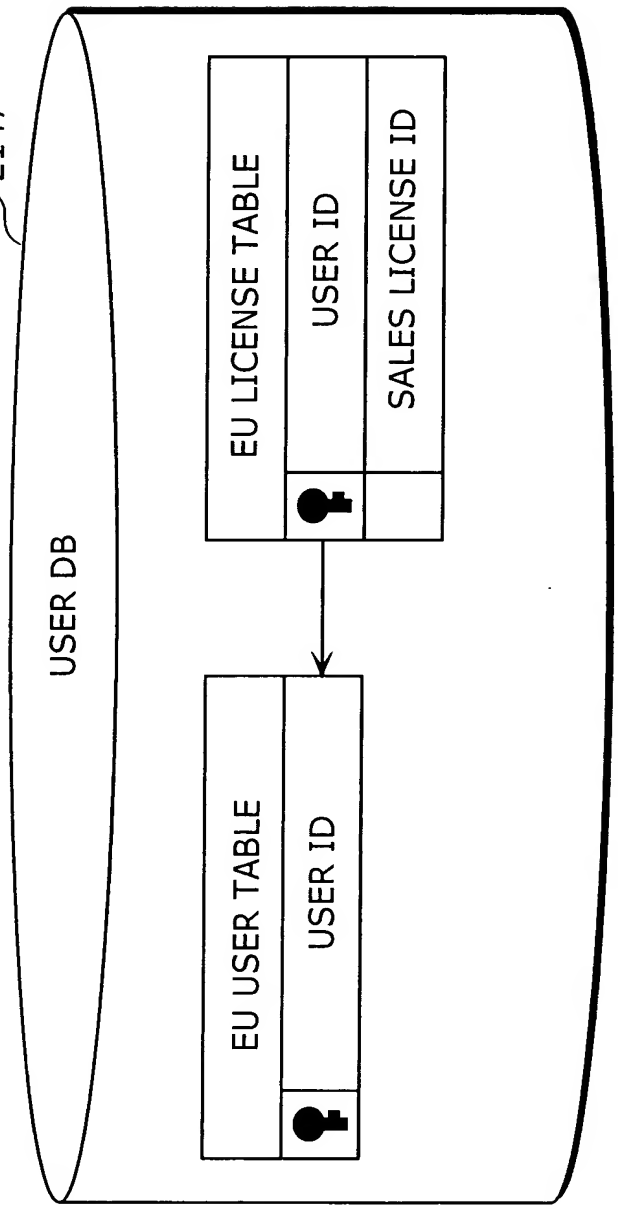

2147
USER DB
EU LICENSE TABLE
USER ID
SALES LICENSE ID
EU USER TABLE
USER ID

FIG. 22

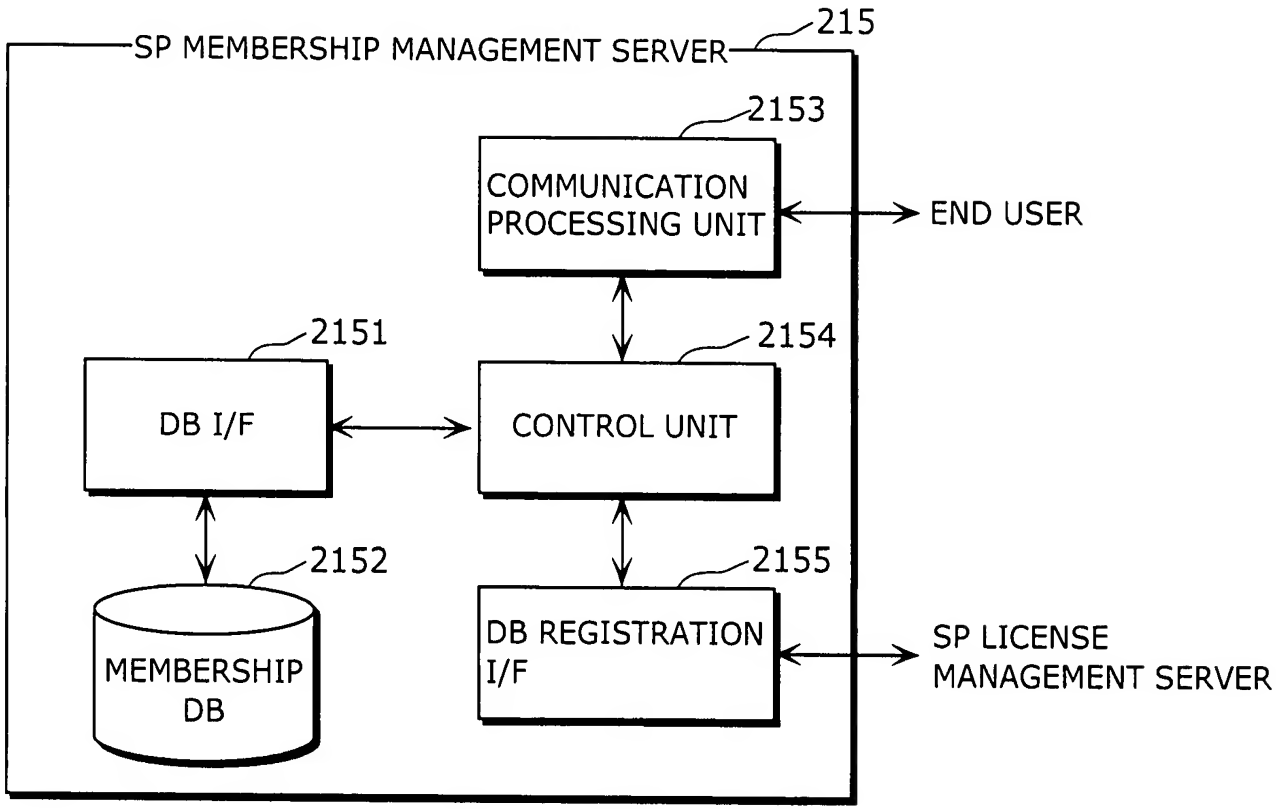

SP MEMBERSHIP MANAGEMENT SERVER
215
2153
COMMUNICATION PROCESSING UNIT
END USER
2151
2154
DB I/F
CONTROL UNIT
2152
2155
MEMBERSHIP DB
DB REGISTRATION I/F
SP LICENSE MANAGEMENT SERVER

FIG. 23

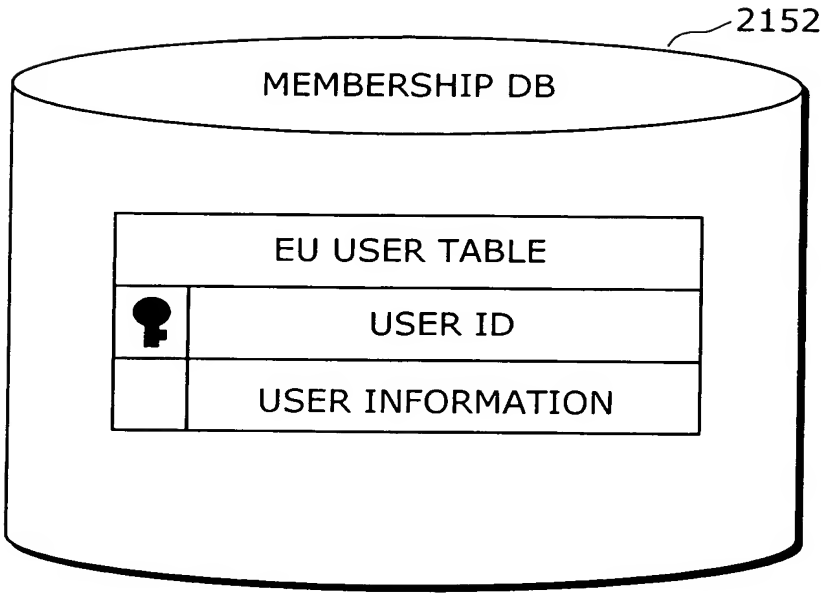


FIG. 24

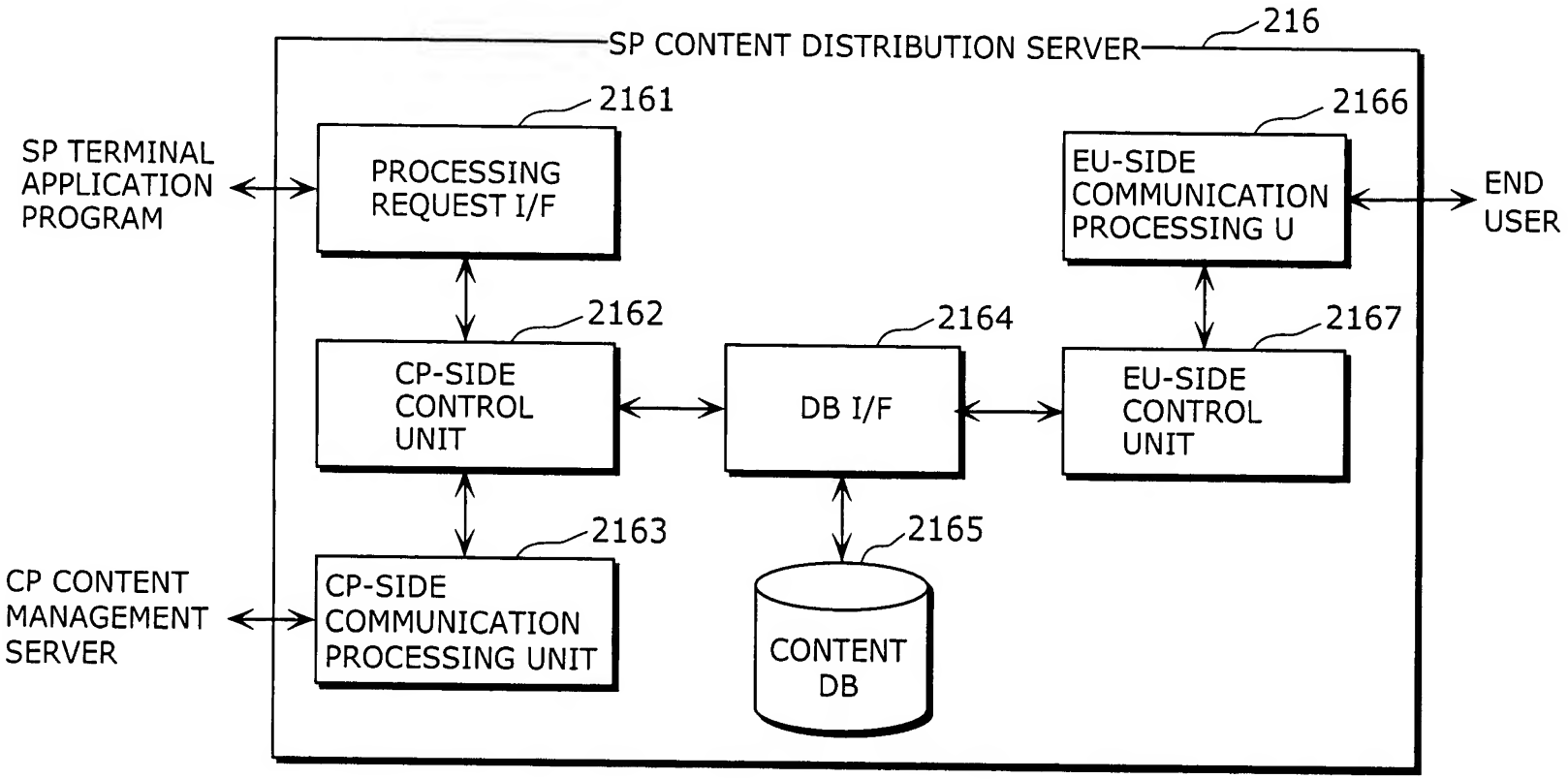

SP CONTENT DISTRIBUTION SERVER
216
2161
PROCESSING REQUEST I/F
2166
EU-SIDE COMMUNICATION PROCESSING U
SP TERMINAL APPLICATION PROGRAM
END USER
2162
CP-SIDE CONTROL UNIT
2164
DB I/F
2167
EU-SIDE CONTROL UNIT
2163
2165
CP CONTENT MANAGEMENT SERVER
CP-SIDE COMMUNICATION PROCESSING UNIT
CONTENT DB

FIG. 25

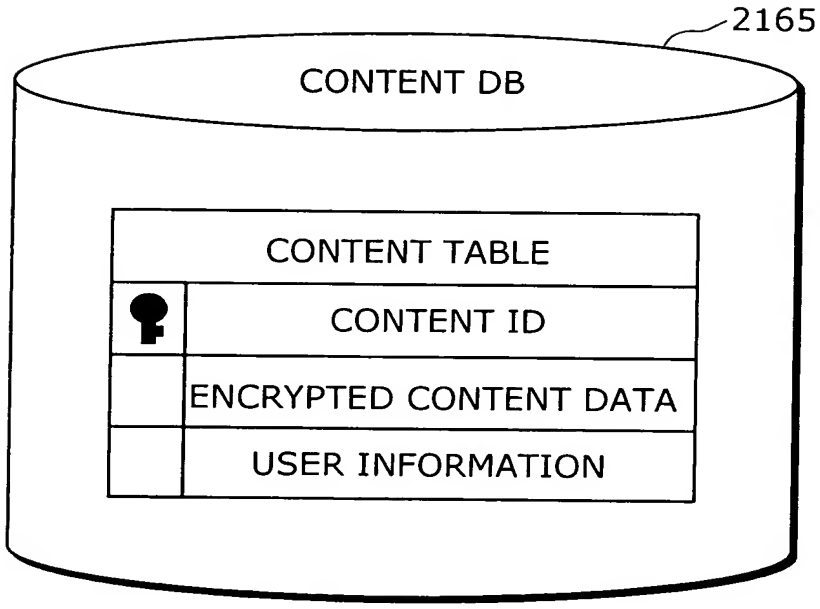

2165
CONTENT DB
CONTENT TABLE
CONTENT ID
ENCRYPTED CONTENT DATA
USER INFORMATION

FIG. 26

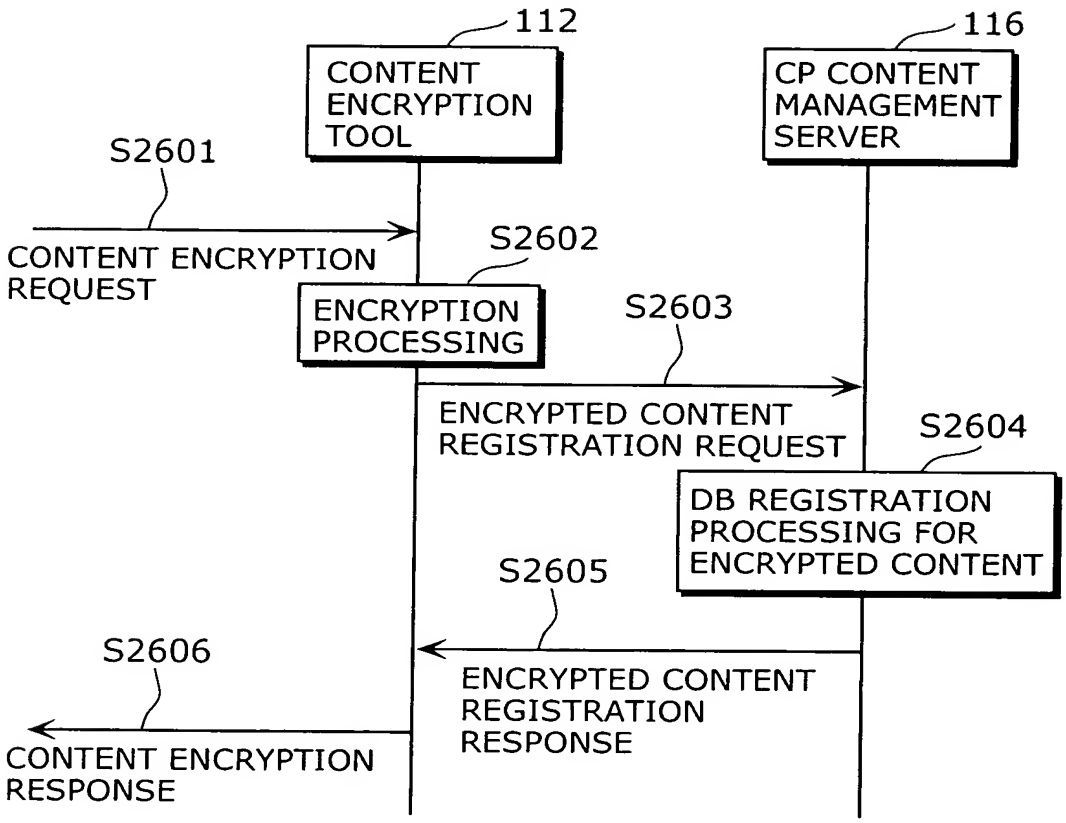

112
CONTENT ENCRYPTION TOOL
116
CP CONTENT MANAGEMENT SERVER
S2601
CONTENT ENCRYPTION REQUEST
S2602
ENCRYPTION PROCESSING
S2603
ENCRYPTED CONTENT REGISTRATION REQUEST
S2604
DB REGISTRATION PROCESSING FOR ENCRYPTED CONTENT
S2605
ENCRYPTED CONTENT REGISTRATION RESPONSE
S2606
CONTENT ENCRYPTION RESPONSE

FIG. 27

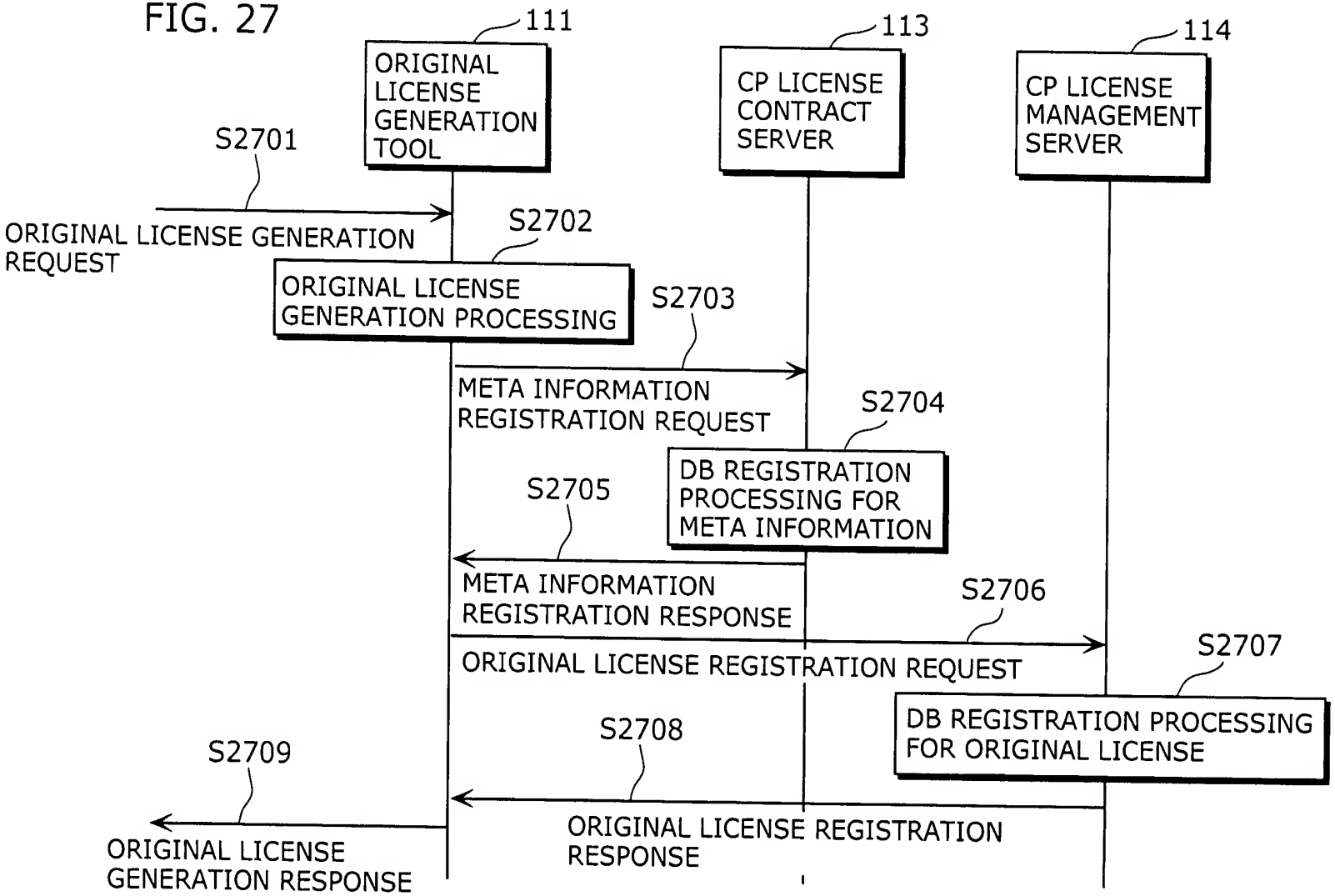

111
ORIGINAL LICENSE GENERATION TOOL
113
CP LICENSE CONTRACT SERVER
114
CP LICENSE MANAGEMENT SERVER
S2701
ORIGINAL LICENSE GENERATION REQUEST
S2702
ORIGINAL LICENSE GENERATION PROCESSING
S2703
META INFORMATION REGISTRATION REQUEST
S2704
DB REGISTRATION PROCESSING FOR META INFORMATION
S2705
META INFORMATION REGISTRATION RESPONSE
S2706
ORIGINAL LICENSE REGISTRATION REQUEST
S2707
DB REGISTRATION PROCESSING FOR ORIGINAL LICENSE
S2708
ORIGINAL LICENSE REGISTRATION RESPONSE
S2709
ORIGINAL LICENSE GENERATION RESPONSE

FIG. 28

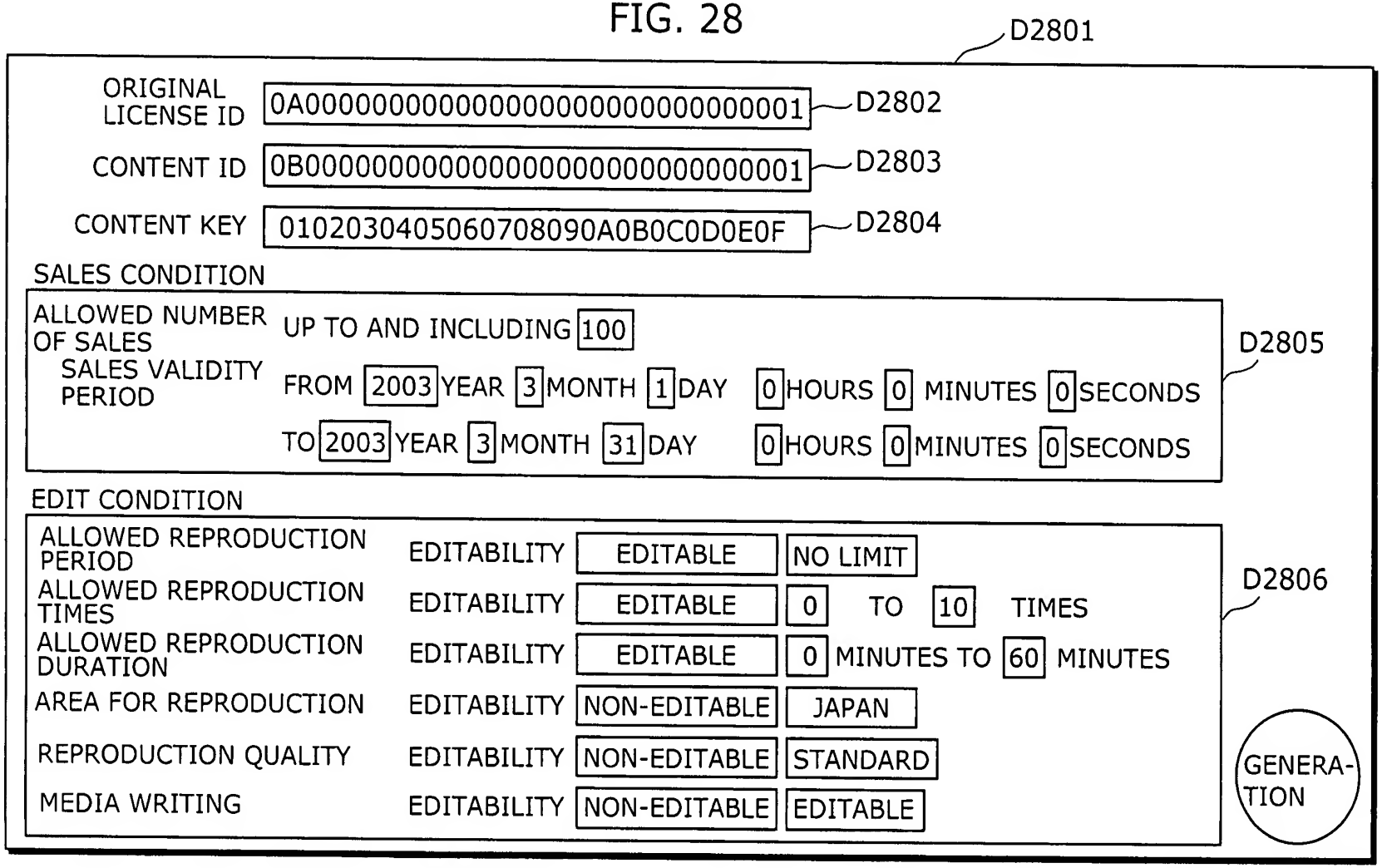

D2801
ORIGINAL LICENSE ID
0A000000000000000000000000000001
D2802
CONTENT ID
0B000000000000000000000000000001
D2803
CONTENT KEY
0102030405060708090A0B0C0D0E0F
D2804
SALES CONDITION
ALLOWED NUMBER OF SALES
UP TO AND INCLUDING 100
SALES VALIDITY PERIOD
FROM 2003 YEAR 3 MONTH 1 DAY 0 HOURS 0 MINUTES 0 SECONDS
TO 2003 YEAR 3 MONTH 31 DAY 0 HOURS 0 MINUTES 0 SECONDS
D2805
EDIT CONDITION
ALLOWED REPRODUCTION PERIOD
EDITABILITY EDITABLE NO LIMIT
ALLOWED REPRODUCTION TIMES
EDITABILITY EDITABLE 0 TO 10 TIMES
ALLOWED REPRODUCTION DURATION
EDITABILITY EDITABLE 0 MINUTES TO 60 MINUTES
AREA FOR REPRODUCTION
EDITABILITY NON-EDITABLE JAPAN
REPRODUCTION QUALITY
EDITABILITY NON-EDITABLE STANDARD
MEDIA WRITING
EDITABILITY NON-EDITABLE EDITABLE
D2806
GENERA-TION

FIG. 29

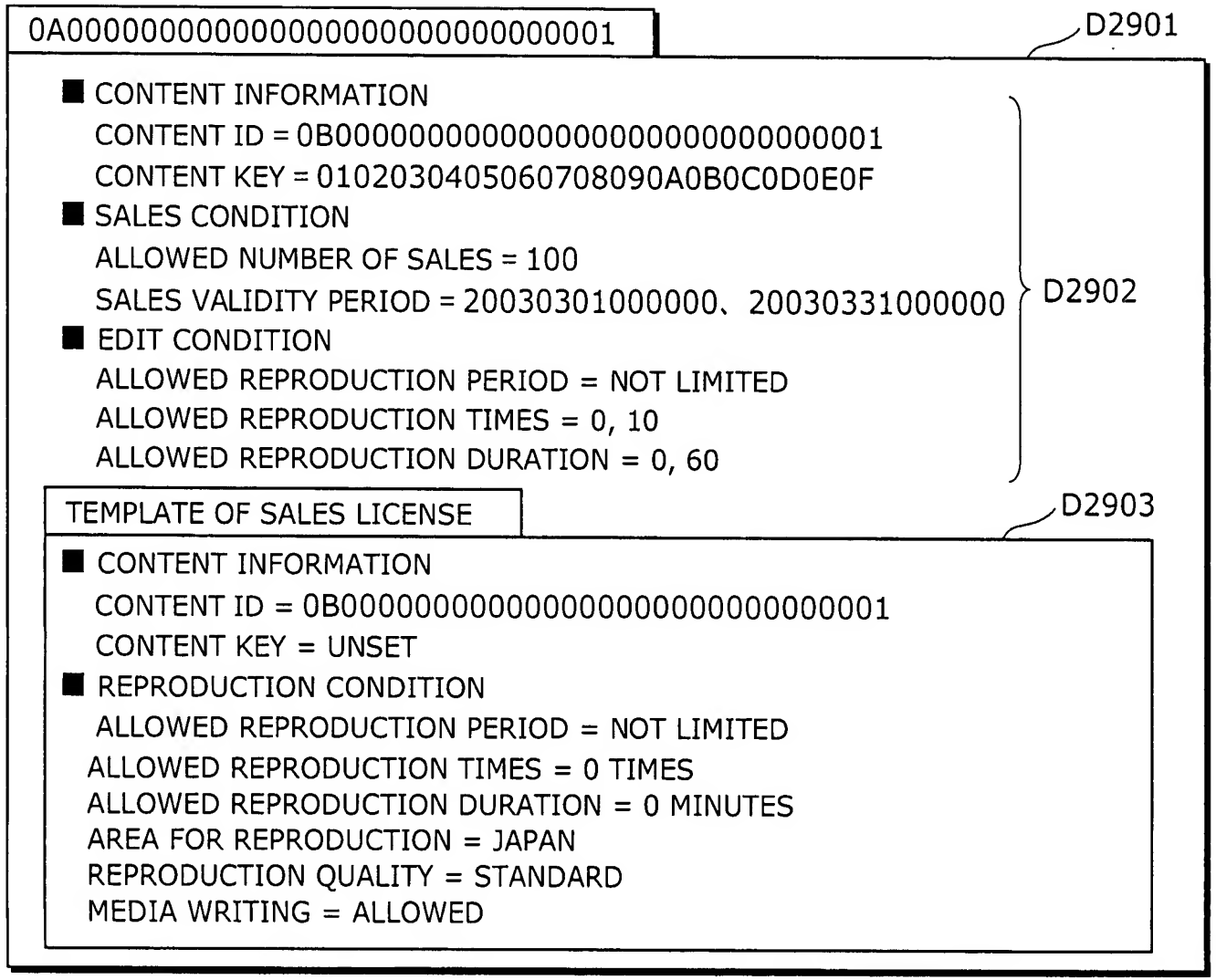

0A000000000000000000000000000001
D2901
■ CONTENT INFORMATION
CONTENT ID = 0B000000000000000000000000000001
CONTENT KEY = 0102030405060708090A0B0C0D0E0F
■ SALES CONDITION
ALLOWED NUMBER OF SALES = 100
SALES VALIDITY PERIOD = 20030301000000、20030331000000
■ EDIT CONDITION
ALLOWED REPRODUCTION PERIOD = NOT LIMITED
ALLOWED REPRODUCTION TIMES = 0, 10
ALLOWED REPRODUCTION DURATION = 0, 60
D2902
TEMPLATE OF SALES LICENSE
D2903
■ CONTENT INFORMATION
CONTENT ID = 0B000000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = NOT LIMITED
ALLOWED REPRODUCTION TIMES = 0 TIMES
ALLOWED REPRODUCTION DURATION = 0 MINUTES
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED

FIG. 30

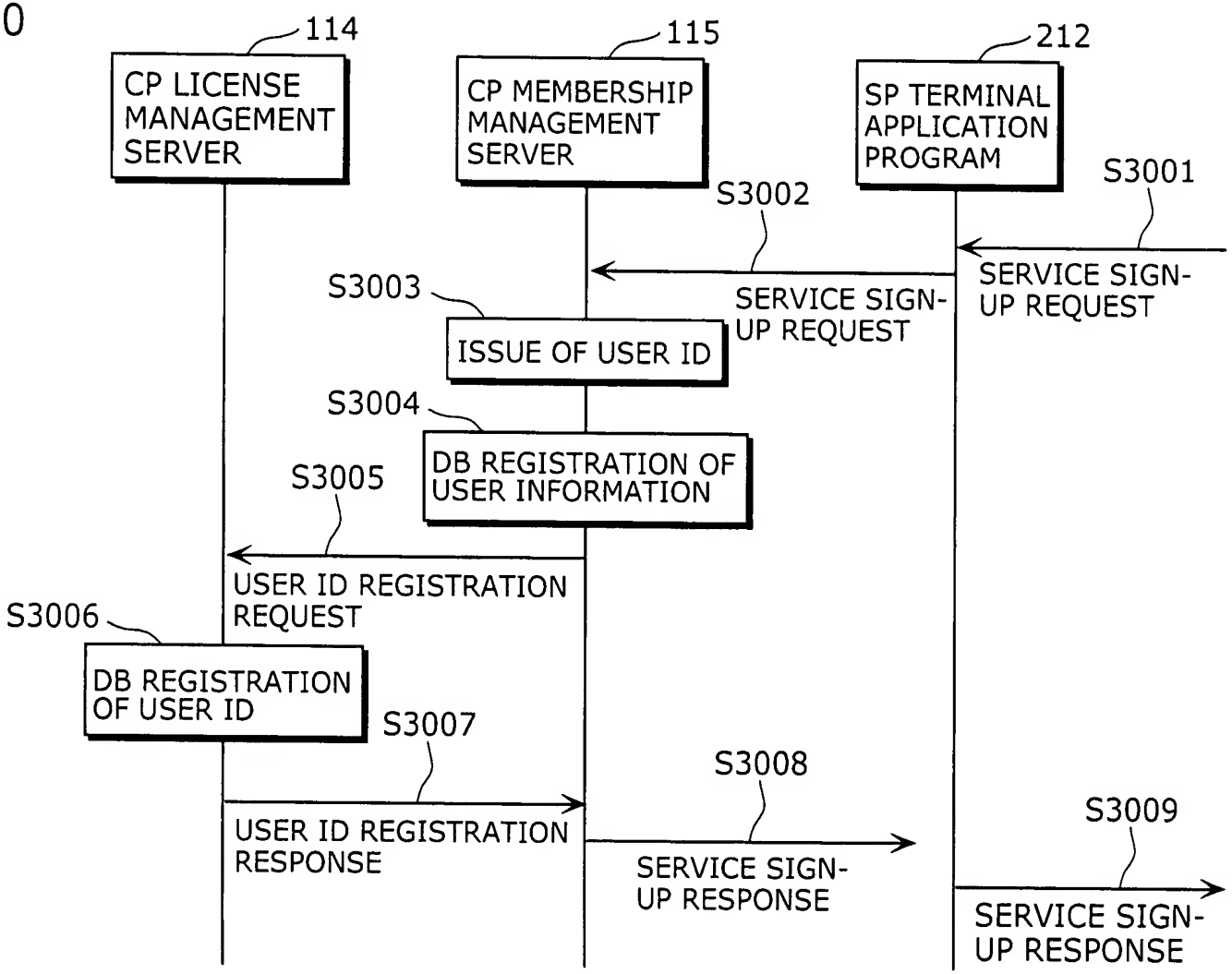

114
CP LICENSE MANAGEMENT SERVER
115
CP MEMBERSHIP MANAGEMENT SERVER
212
SP TERMINAL APPLICATION PROGRAM
S3001
SERVICE SIGN-UP REQUEST
S3002
SERVICE SIGN-UP REQUEST
S3003
ISSUE OF USER ID
S3004
DB REGISTRATION OF USER INFORMATION
S3005
USER ID REGISTRATION REQUEST
S3006
DB REGISTRATION OF USER ID
S3007
USER ID REGISTRATION RESPONSE
S3008
SERVICE SIGN-UP RESPONSE
S3009
SERVICE SIGN-UP RESPONSE

FIG. 31

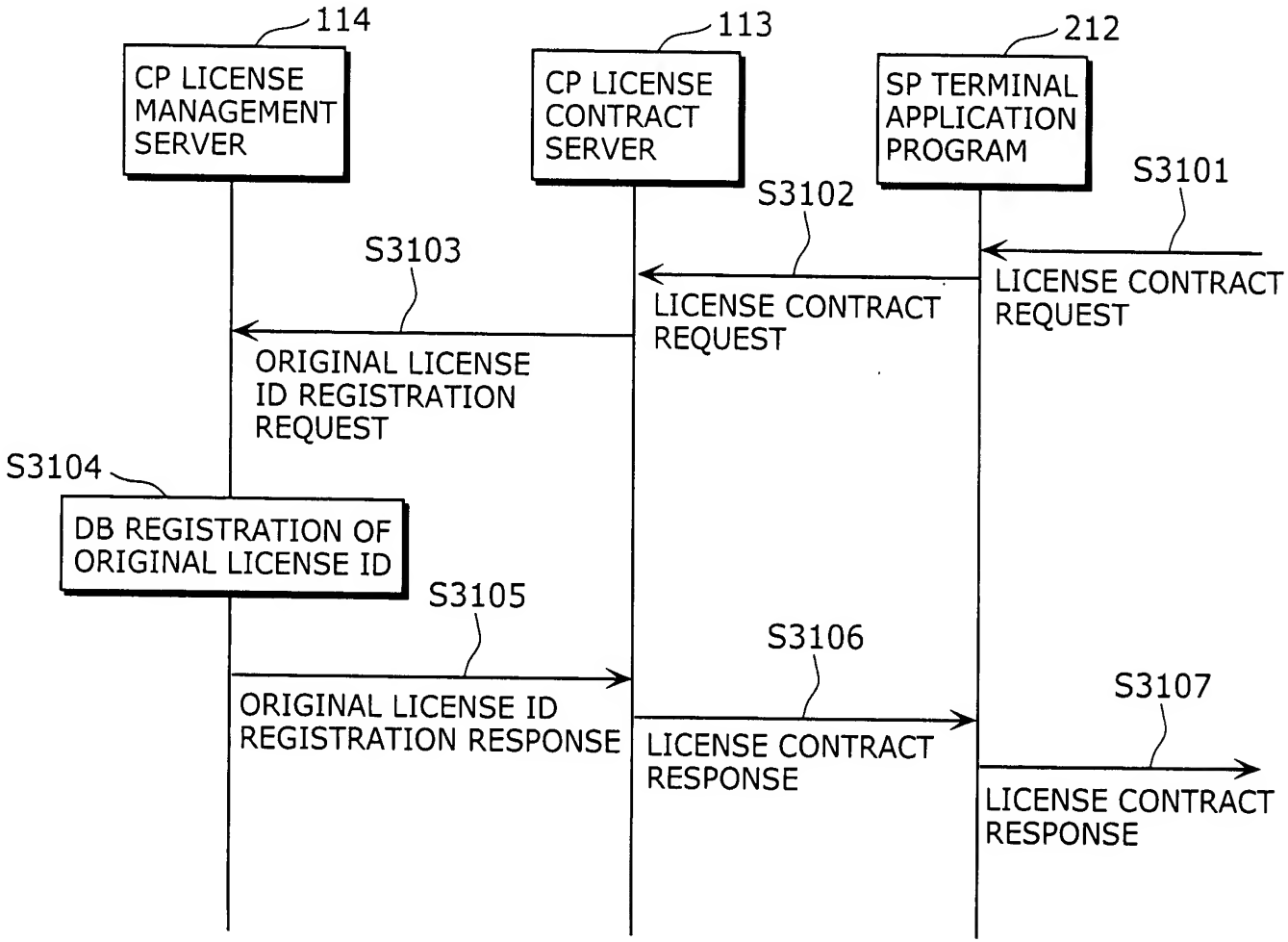

114
CP LICENSE MANAGEMENT SERVER
113
CP LICENSE CONTRACT SERVER
212
SP TERMINAL APPLICATION PROGRAM
S3101
LICENSE CONTRACT REQUEST
S3102
LICENSE CONTRACT REQUEST
S3103
ORIGINAL LICENSE ID REGISTRATION REQUEST
S3104
DB REGISTRATION OF ORIGINAL LICENSE ID
S3105
ORIGINAL LICENSE ID REGISTRATION RESPONSE
S3106
LICENSE CONTRACT RESPONSE
S3107
LICENSE CONTRACT RESPONSE

FIG. 32

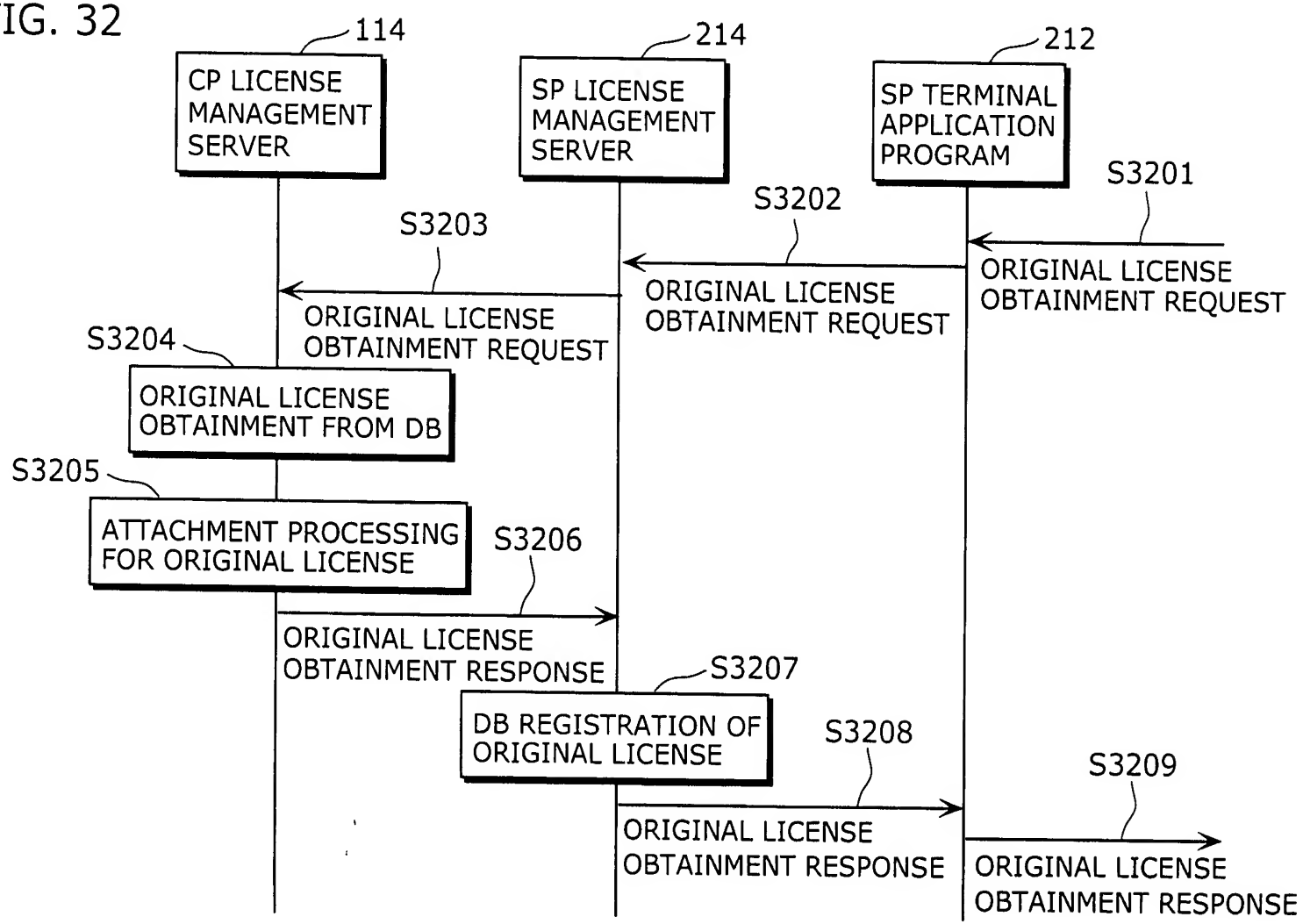

114
CP LICENSE MANAGEMENT SERVER
214
SP LICENSE MANAGEMENT SERVER
212
SP TERMINAL APPLICATION PROGRAM
S3201
ORIGINAL LICENSE OBTAINMENT REQUEST
S3202
ORIGINAL LICENSE OBTAINMENT REQUEST
S3203
ORIGINAL LICENSE OBTAINMENT REQUEST
S3204
ORIGINAL LICENSE OBTAINMENT FROM DB
S3205
ATTACHMENT PROCESSING FOR ORIGINAL LICENSE
S3206
ORIGINAL LICENSE OBTAINMENT RESPONSE
S3207
DB REGISTRATION OF ORIGINAL LICENSE
S3208
ORIGINAL LICENSE OBTAINMENT RESPONSE
S3209
ORIGINAL LICENSE OBTAINMENT RESPONSE

FIG. 33

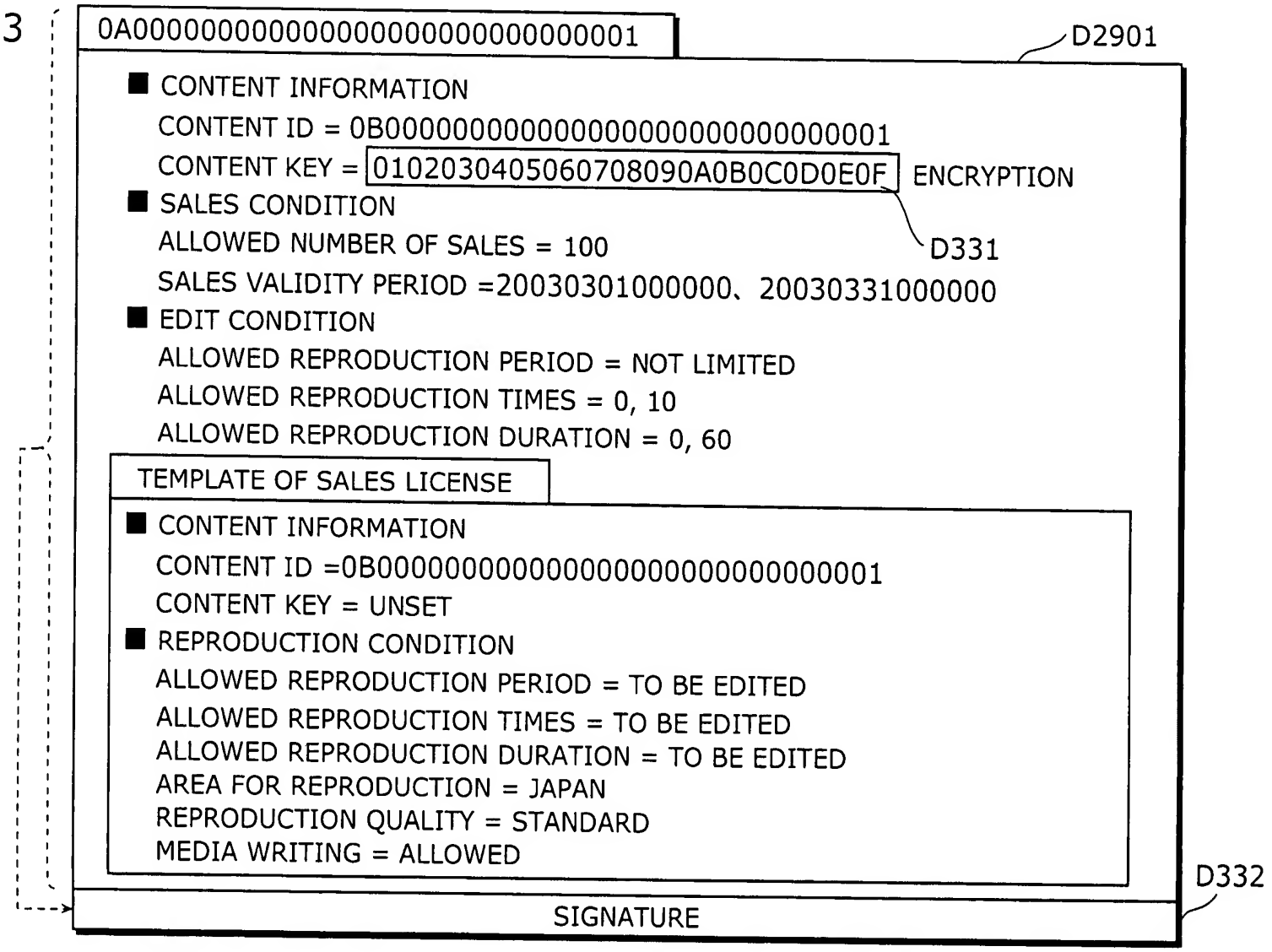

0A00000000000000000000000000001
D2901
■ CONTENT INFORMATION
CONTENT ID = 0B00000000000000000000000000001
CONTENT KEY = 0102030405060708090A0B0C0D0E0F
ENCRYPTION
D331
■ SALES CONDITION
ALLOWED NUMBER OF SALES = 100
SALES VALIDITY PERIOD =20030301000000、20030331000000
■ EDIT CONDITION
ALLOWED REPRODUCTION PERIOD = NOT LIMITED
ALLOWED REPRODUCTION TIMES = 0, 10
ALLOWED REPRODUCTION DURATION = 0, 60
TEMPLATE OF SALES LICENSE
■ CONTENT INFORMATION
CONTENT ID =0B00000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = TO BE EDITED
ALLOWED REPRODUCTION TIMES = TO BE EDITED
ALLOWED REPRODUCTION DURATION = TO BE EDITED
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED
D332
SIGNATURE

FIG. 34

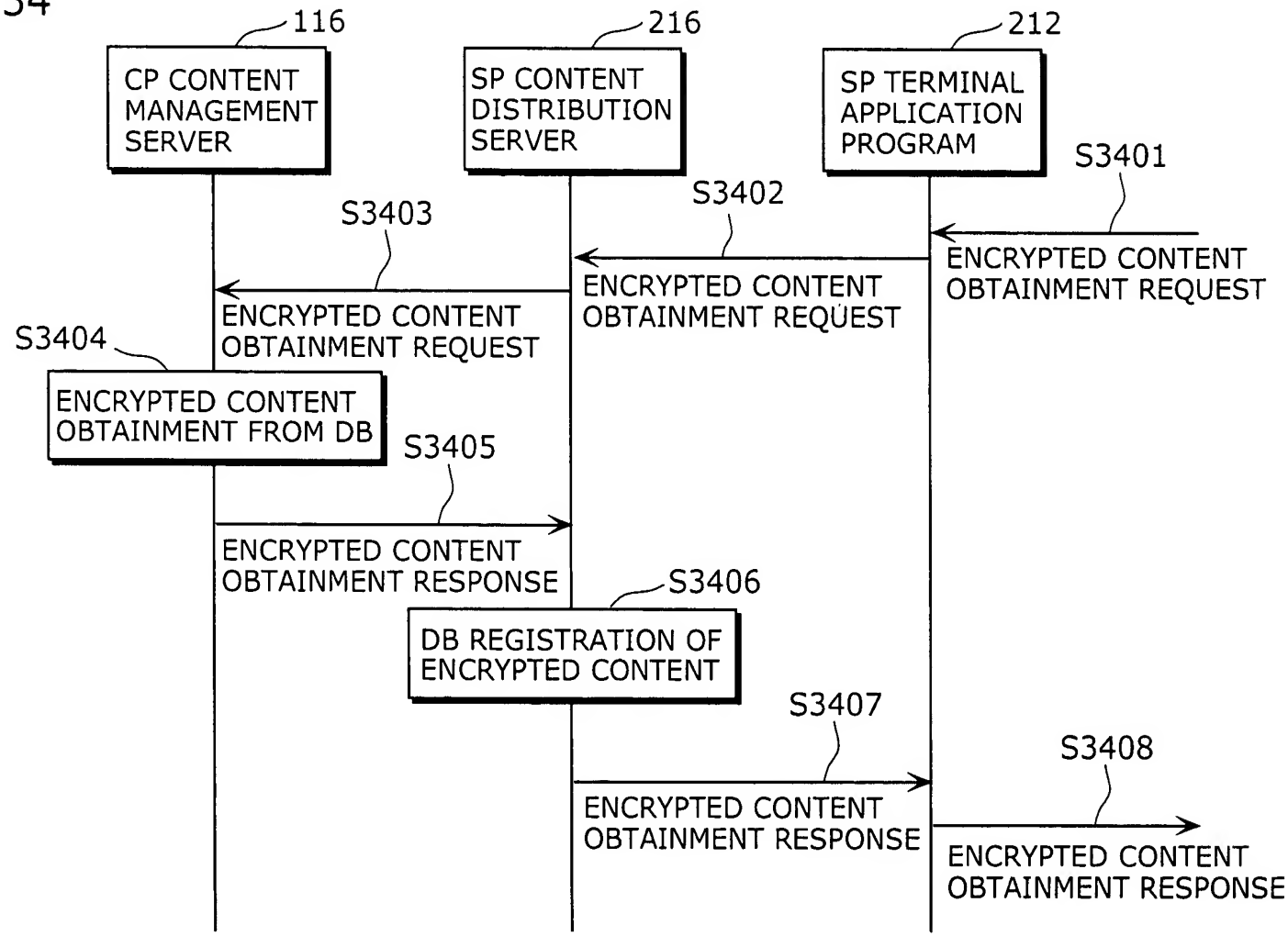

116
CP CONTENT MANAGEMENT SERVER
216
SP CONTENT DISTRIBUTION SERVER
212
SP TERMINAL APPLICATION PROGRAM
S3401
ENCRYPTED CONTENT OBTAINMENT REQUEST
S3402
ENCRYPTED CONTENT OBTAINMENT REQUEST
S3403
ENCRYPTED CONTENT OBTAINMENT REQUEST
S3404
ENCRYPTED CONTENT OBTAINMENT FROM DB
S3405
ENCRYPTED CONTENT OBTAINMENT RESPONSE
S3406
DB REGISTRATION OF ENCRYPTED CONTENT
S3407
ENCRYPTED CONTENT OBTAINMENT RESPONSE
S3408
ENCRYPTED CONTENT OBTAINMENT RESPONSE

FIG. 35

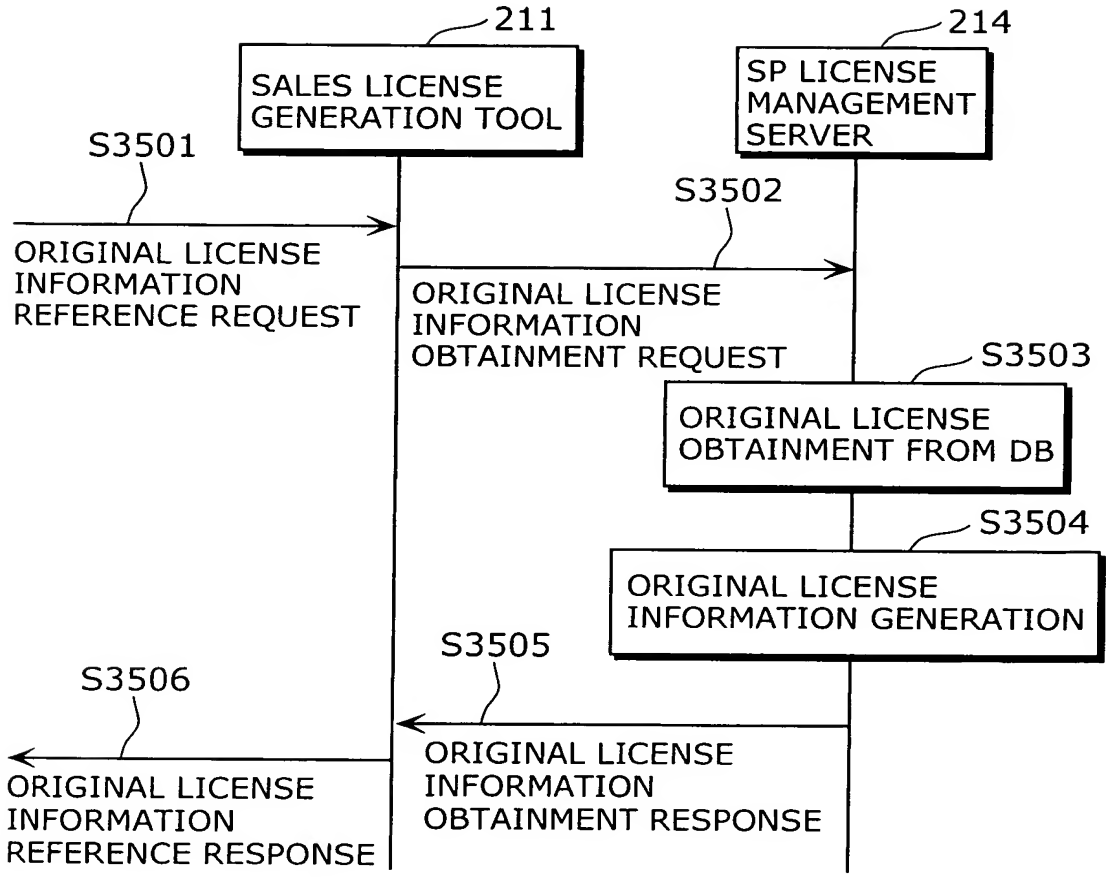

211
SALES LICENSE GENERATION TOOL
214
SP LICENSE MANAGEMENT SERVER
S3501
ORIGINAL LICENSE INFORMATION REFERENCE REQUEST
S3502
ORIGINAL LICENSE INFORMATION OBTAINMENT REQUEST
S3503
ORIGINAL LICENSE OBTAINMENT FROM DB
S3504
ORIGINAL LICENSE INFORMATION GENERATION
S3505
ORIGINAL LICENSE INFORMATION OBTAINMENT RESPONSE
S3506
ORIGINAL LICENSE INFORMATION REFERENCE RESPONSE

FIG. 36

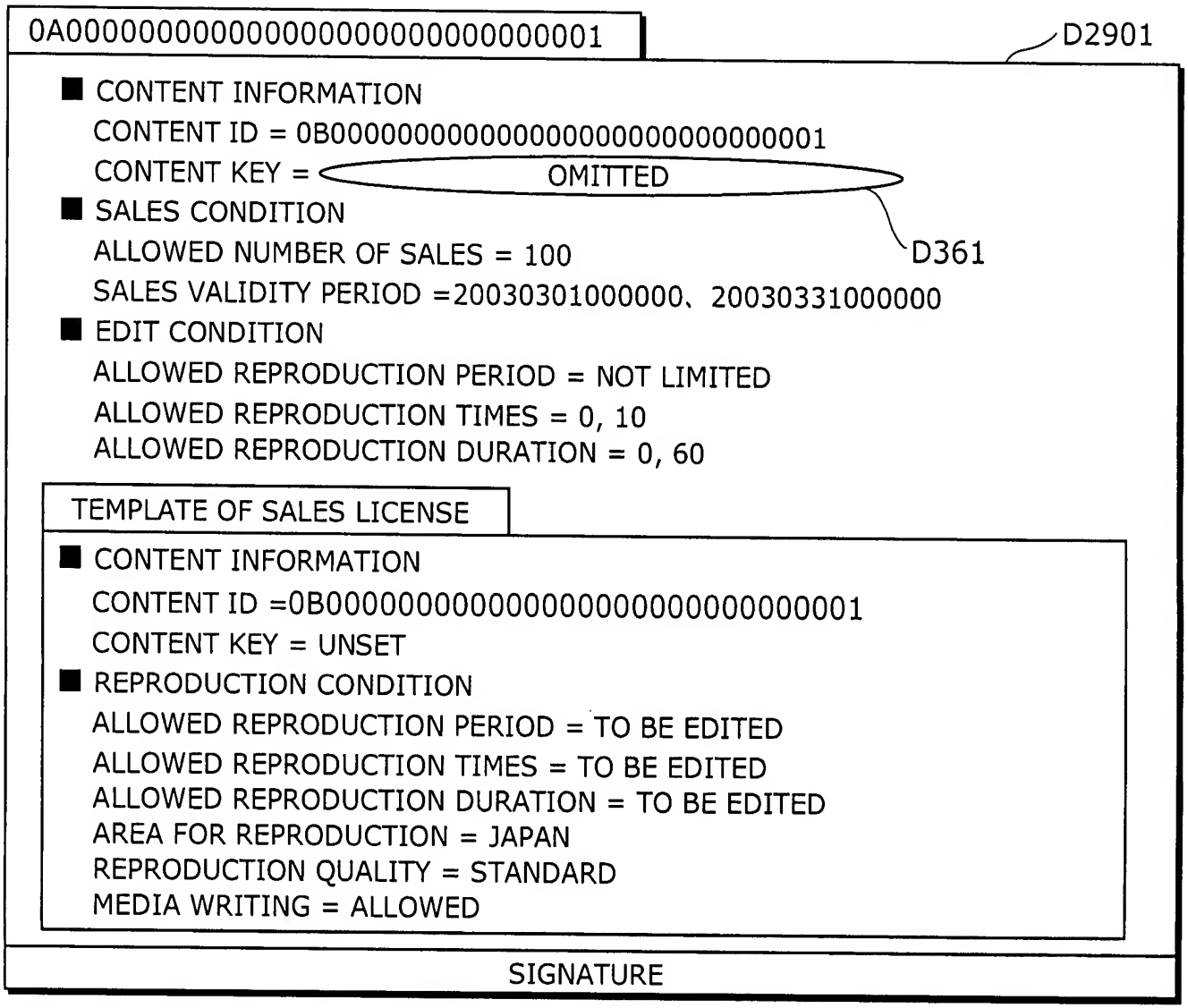

0A00000000000000000000000000000001
D2901
■ CONTENT INFORMATION
CONTENT ID = 0B00000000000000000000000000000001
CONTENT KEY = OMITTED
D361
■ SALES CONDITION
ALLOWED NUMBER OF SALES = 100
SALES VALIDITY PERIOD =20030301000000、20030331000000
■ EDIT CONDITION
ALLOWED REPRODUCTION PERIOD = NOT LIMITED
ALLOWED REPRODUCTION TIMES = 0, 10
ALLOWED REPRODUCTION DURATION = 0, 60
TEMPLATE OF SALES LICENSE
■ CONTENT INFORMATION
CONTENT ID =0B00000000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = TO BE EDITED
ALLOWED REPRODUCTION TIMES = TO BE EDITED
ALLOWED REPRODUCTION DURATION = TO BE EDITED
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED
SIGNATURE

FIG. 37

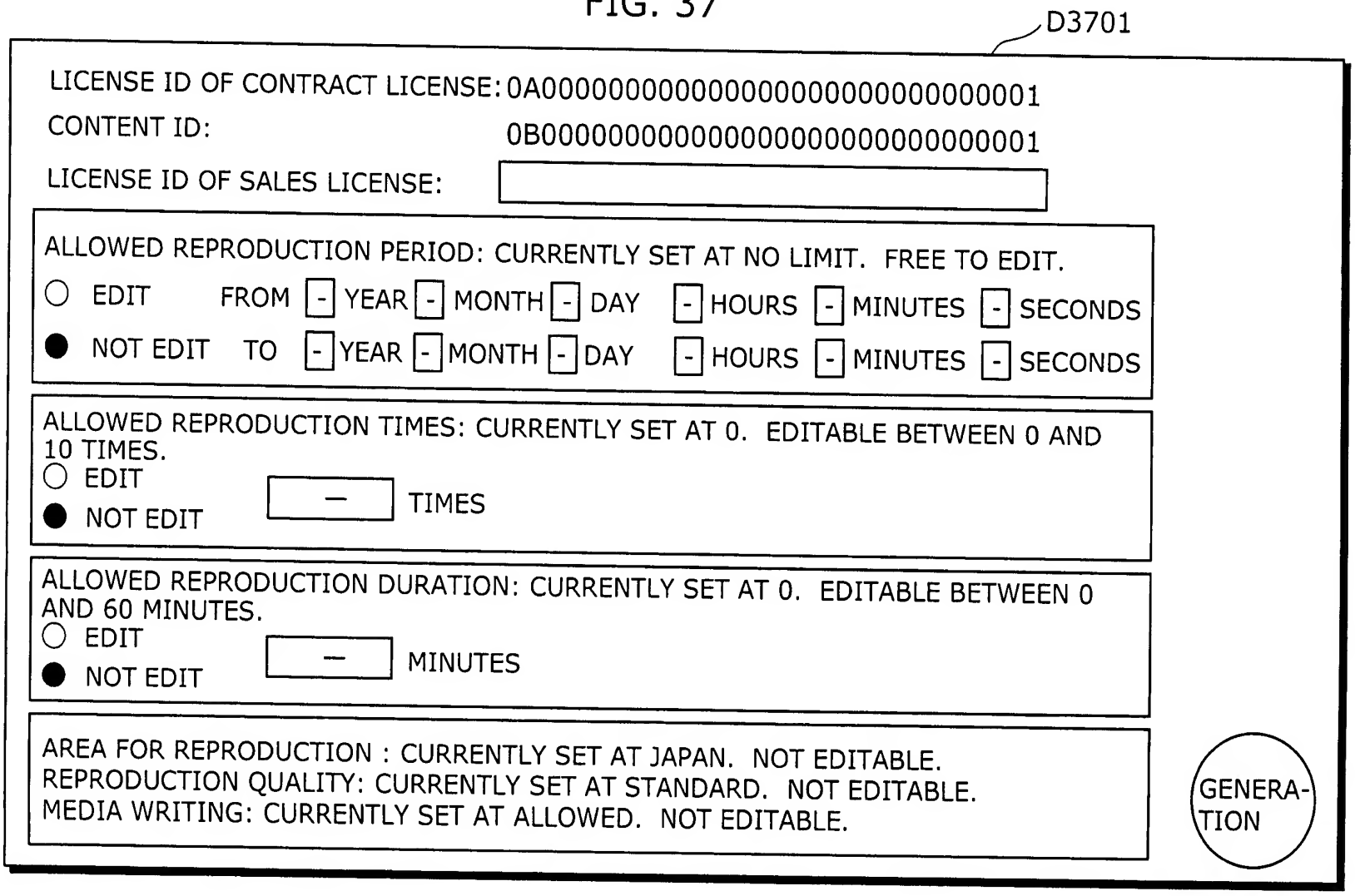

D3701
LICENSE ID OF CONTRACT LICENSE: 0A00000000000000000000000000001
CONTENT ID: 0B00000000000000000000000000001
LICENSE ID OF SALES LICENSE:
ALLOWED REPRODUCTION PERIOD: CURRENTLY SET AT NO LIMIT. FREE TO EDIT.
EDIT FROM - YEAR - MONTH - DAY - HOURS - MINUTES - SECONDS
NOT EDIT TO - YEAR - MONTH - DAY - HOURS - MINUTES - SECONDS
ALLOWED REPRODUCTION TIMES: CURRENTLY SET AT 0. EDITABLE BETWEEN 0 AND 10 TIMES.
EDIT
NOT EDIT
—
TIMES
ALLOWED REPRODUCTION DURATION: CURRENTLY SET AT 0. EDITABLE BETWEEN 0 AND 60 MINUTES.
EDIT
NOT EDIT
—
MINUTES
AREA FOR REPRODUCTION : CURRENTLY SET AT JAPAN. NOT EDITABLE.
REPRODUCTION QUALITY: CURRENTLY SET AT STANDARD. NOT EDITABLE.
MEDIA WRITING: CURRENTLY SET AT ALLOWED. NOT EDITABLE.
GENERA-TION

FIG. 38

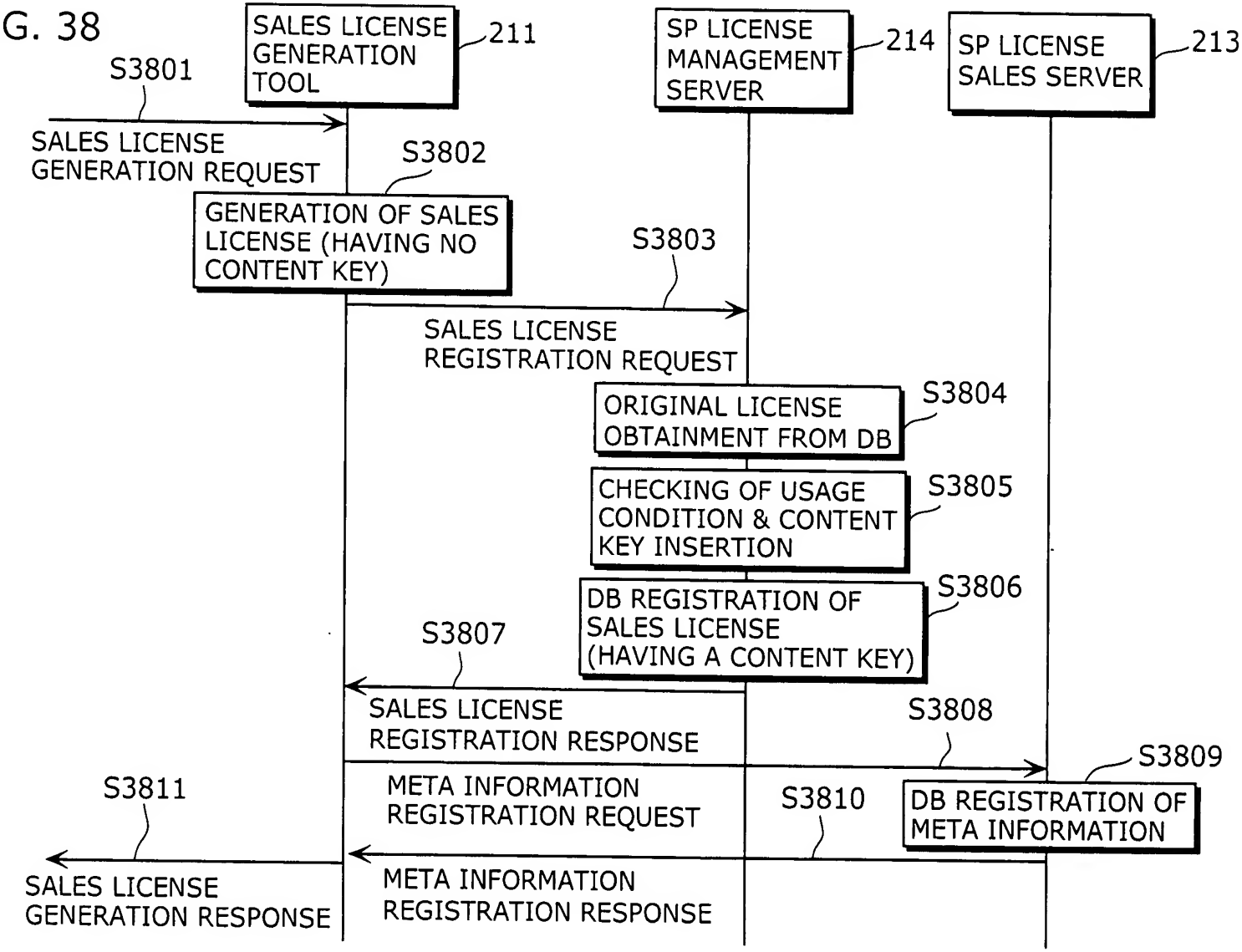

SALES LICENSE GENERATION TOOL
211
SP LICENSE MANAGEMENT SERVER
214
SP LICENSE SALES SERVER
213
S3801
SALES LICENSE GENERATION REQUEST
S3802
GENERATION OF SALES LICENSE (HAVING NO CONTENT KEY)
S3803
SALES LICENSE REGISTRATION REQUEST
ORIGINAL LICENSE OBTAINMENT FROM DB
S3804
CHECKING OF USAGE CONDITION & CONTENT KEY INSERTION
S3805
DB REGISTRATION OF SALES LICENSE (HAVING A CONTENT KEY)
S3806
S3807
SALES LICENSE REGISTRATION RESPONSE
S3808
S3809
META INFORMATION REGISTRATION REQUEST
S3810
DB REGISTRATION OF META INFORMATION
S3811
SALES LICENSE GENERATION RESPONSE
META INFORMATION REGISTRATION RESPONSE

FIG. 39

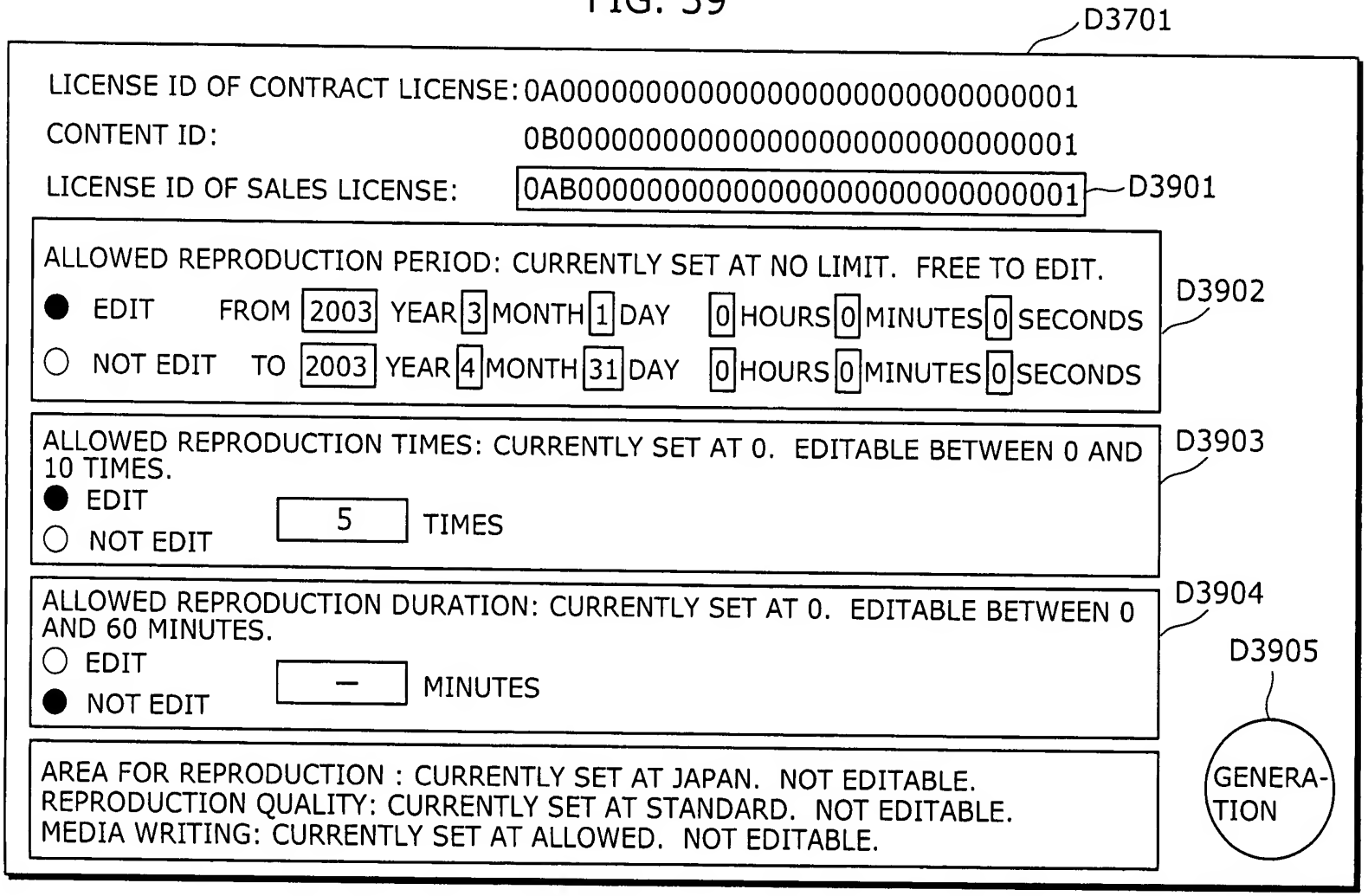

D3701
LICENSE ID OF CONTRACT LICENSE: 0A00000000000000000000000000001
CONTENT ID: 0B00000000000000000000000000001
LICENSE ID OF SALES LICENSE: 0AB00000000000000000000000000001
D3901
ALLOWED REPRODUCTION PERIOD: CURRENTLY SET AT NO LIMIT. FREE TO EDIT.
EDIT FROM 2003 YEAR 3 MONTH 1 DAY 0 HOURS 0 MINUTES 0 SECONDS
NOT EDIT TO 2003 YEAR 4 MONTH 31 DAY 0 HOURS 0 MINUTES 0 SECONDS
D3902
ALLOWED REPRODUCTION TIMES: CURRENTLY SET AT 0. EDITABLE BETWEEN 0 AND 10 TIMES.
EDIT
NOT EDIT
5 TIMES
D3903
ALLOWED REPRODUCTION DURATION: CURRENTLY SET AT 0. EDITABLE BETWEEN 0 AND 60 MINUTES.
EDIT
NOT EDIT
— MINUTES
D3904
D3905
AREA FOR REPRODUCTION : CURRENTLY SET AT JAPAN. NOT EDITABLE.
REPRODUCTION QUALITY: CURRENTLY SET AT STANDARD. NOT EDITABLE.
MEDIA WRITING: CURRENTLY SET AT ALLOWED. NOT EDITABLE.
GENERA-TION

FIG. 40

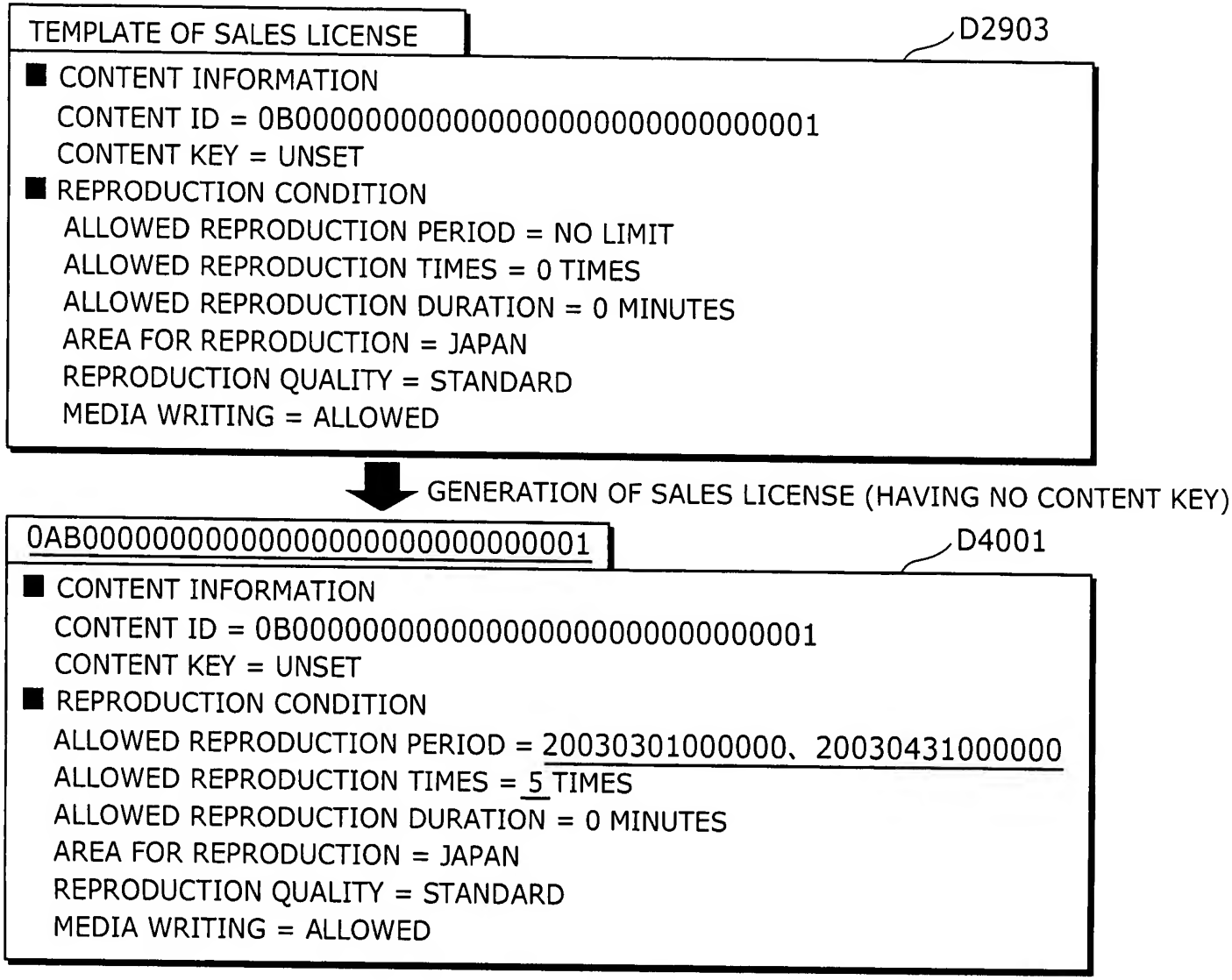

TEMPLATE OF SALES LICENSE
D2903
■ CONTENT INFORMATION
CONTENT ID = 0B000000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = NO LIMIT
ALLOWED REPRODUCTION TIMES = 0 TIMES
ALLOWED REPRODUCTION DURATION = 0 MINUTES
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED
GENERATION OF SALES LICENSE (HAVING NO CONTENT KEY)
0AB000000000000000000000000001
D4001
■ CONTENT INFORMATION
CONTENT ID = 0B000000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = 20030301000000、20030431000000
ALLOWED REPRODUCTION TIMES = 5 TIMES
ALLOWED REPRODUCTION DURATION = 0 MINUTES
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED

FIG. 41

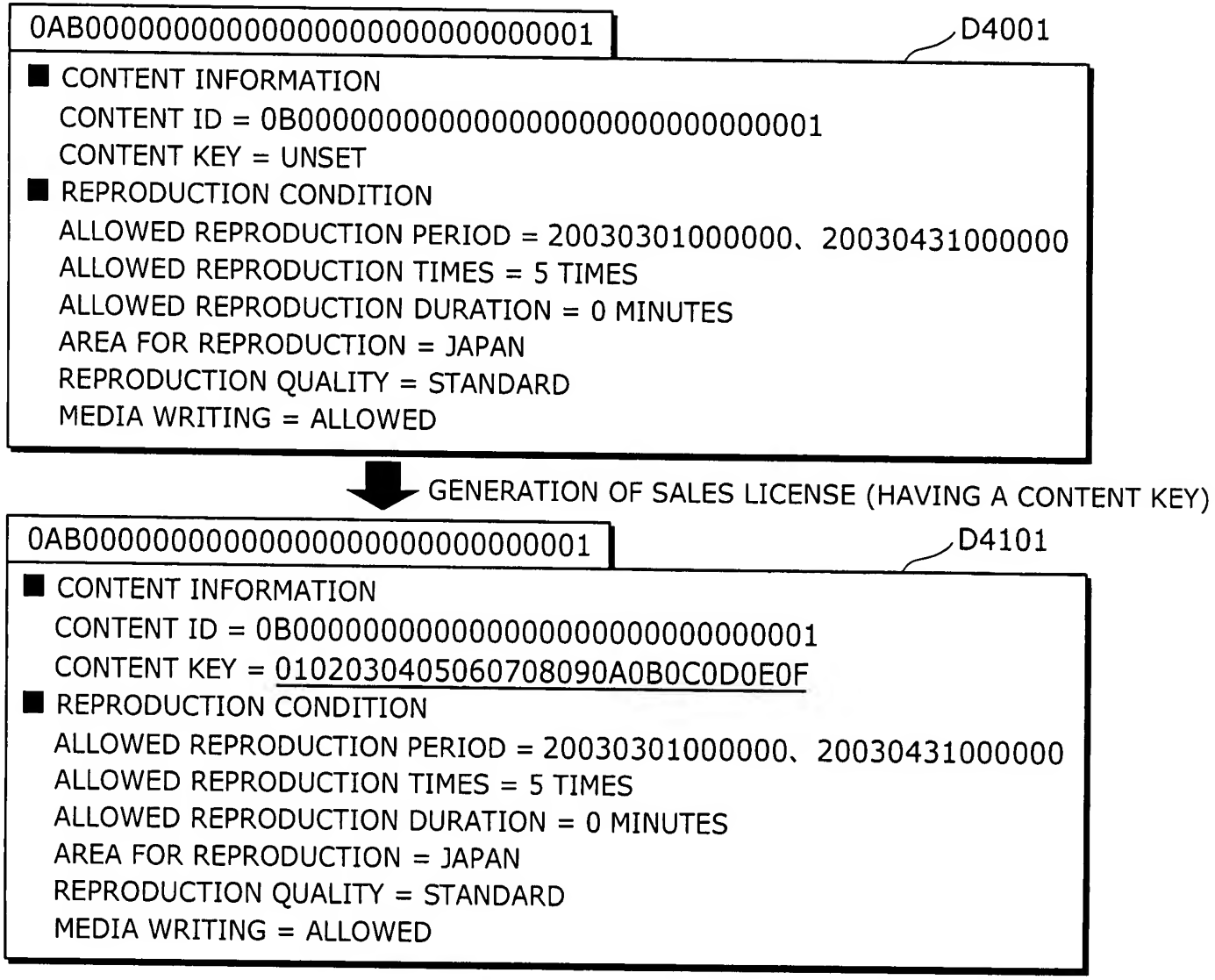

0AB00000000000000000000000000001
D4001
■ CONTENT INFORMATION
CONTENT ID = 0B00000000000000000000000000000001
CONTENT KEY = UNSET
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = 20030301000000、20030431000000
ALLOWED REPRODUCTION TIMES = 5 TIMES
ALLOWED REPRODUCTION DURATION = 0 MINUTES
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED
GENERATION OF SALES LICENSE (HAVING A CONTENT KEY)
0AB00000000000000000000000000001
D4101
■ CONTENT INFORMATION
CONTENT ID = 0B00000000000000000000000000000001
CONTENT KEY = 0102030405060708090A0B0C0D0E0F
■ REPRODUCTION CONDITION
ALLOWED REPRODUCTION PERIOD = 20030301000000、20030431000000
ALLOWED REPRODUCTION TIMES = 5 TIMES
ALLOWED REPRODUCTION DURATION = 0 MINUTES
AREA FOR REPRODUCTION = JAPAN
REPRODUCTION QUALITY = STANDARD
MEDIA WRITING = ALLOWED

FIG. 42

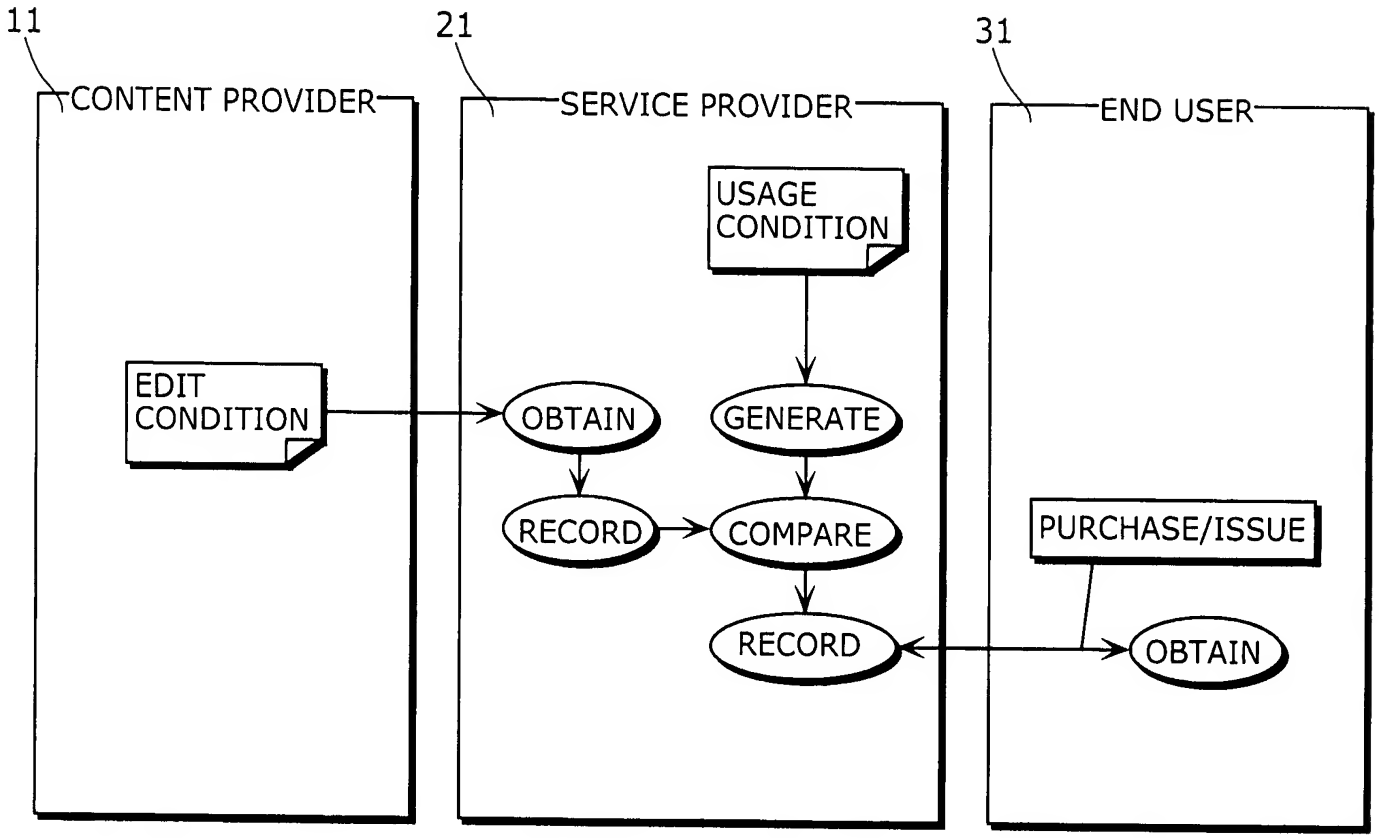

11
CONTENT PROVIDER
21
SERVICE PROVIDER
31
END USER
USAGE CONDITION
EDIT CONDITION
OBTAIN
GENERATE
RECORD
COMPARE
PURCHASE/ISSUE
RECORD
OBTAIN

FIG. 43

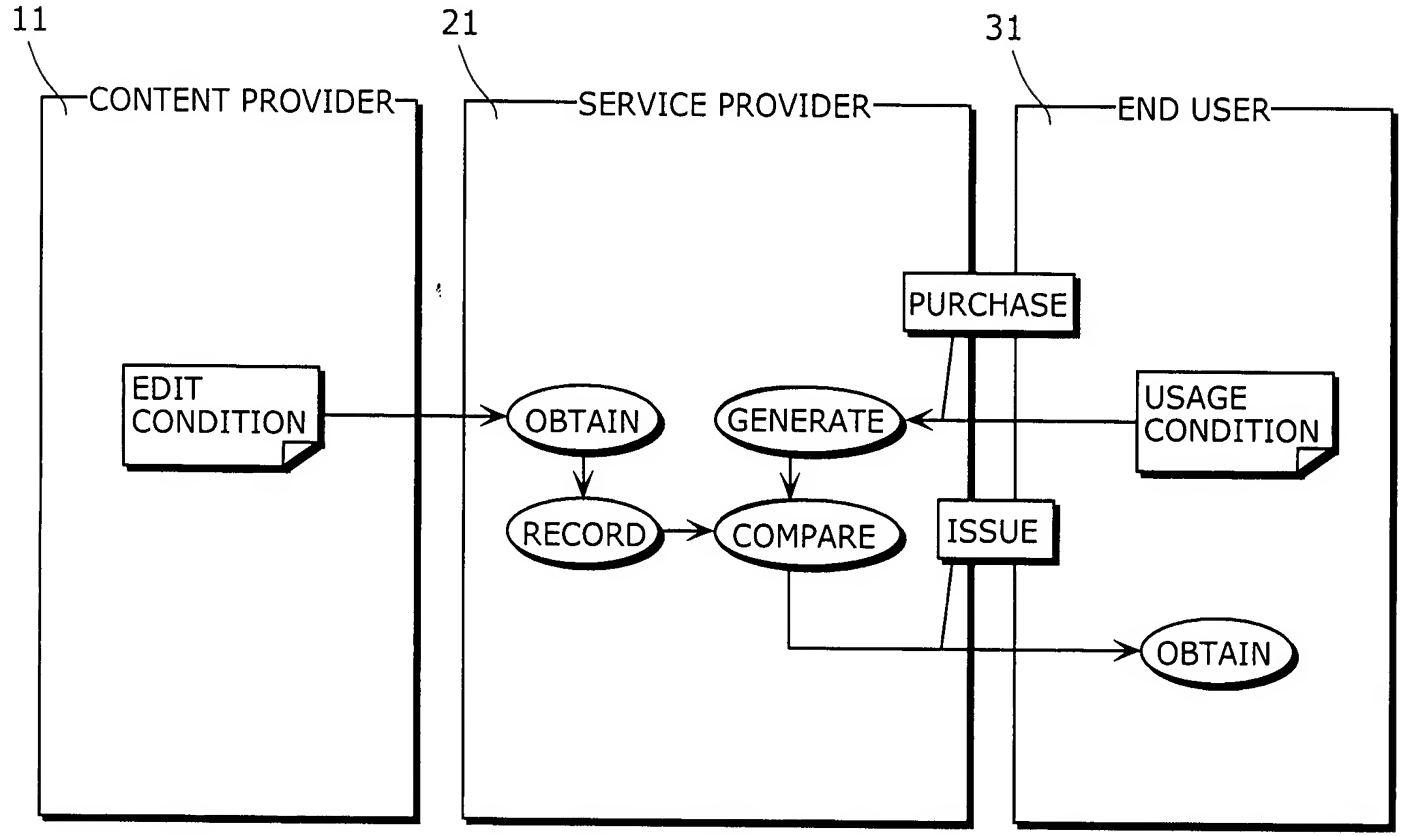

11
21
31
CONTENT PROVIDER
SERVICE PROVIDER
END USER
PURCHASE
EDIT CONDITION
OBTAIN
GENERATE
USAGE CONDITION
RECORD
COMPARE
ISSUE
OBTAIN

FIG. 44

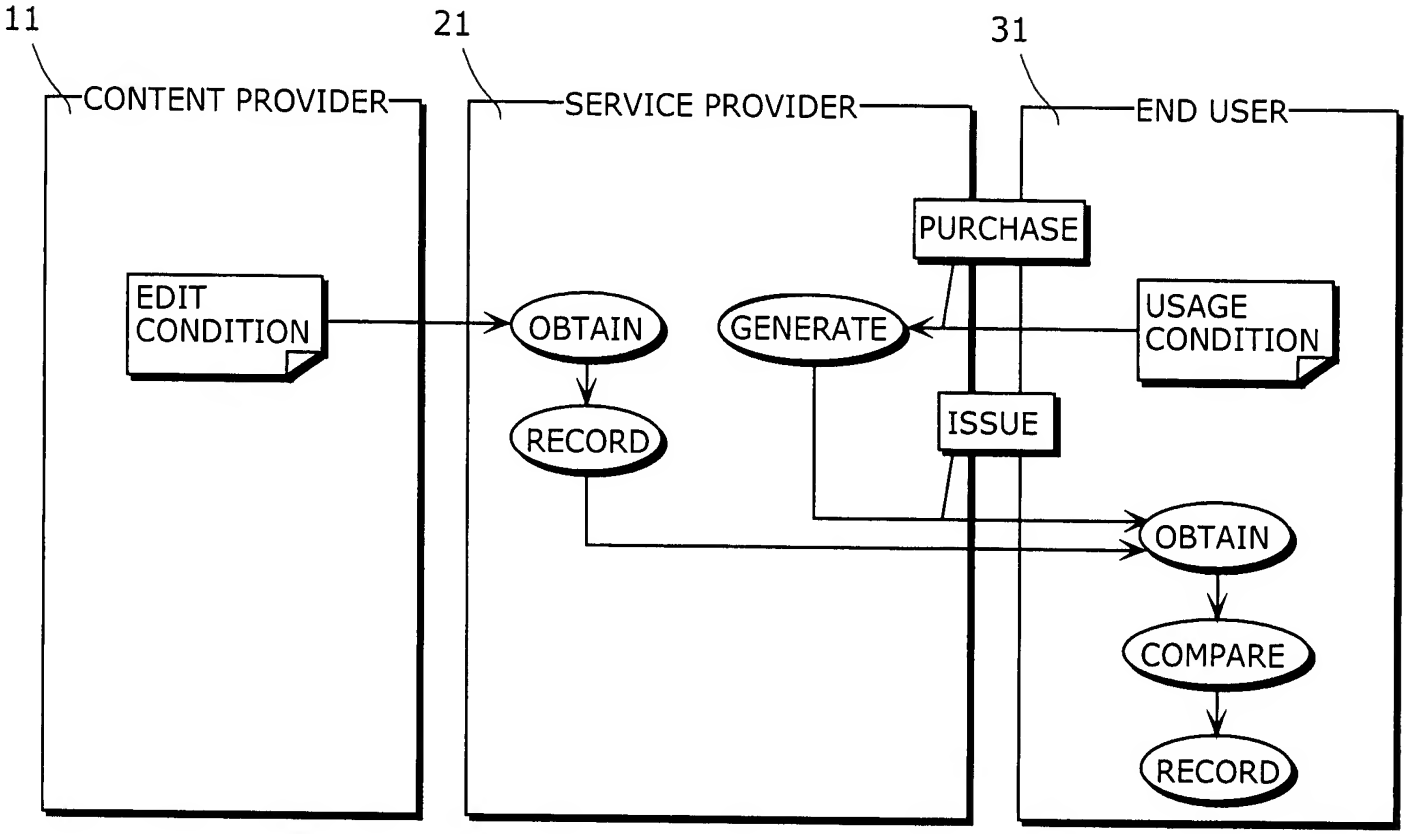

11
21
31
CONTENT PROVIDER
SERVICE PROVIDER
END USER
PURCHASE
EDIT CONDITION
OBTAIN
GENERATE
USAGE CONDITION
RECORD
ISSUE
OBTAIN
COMPARE
RECORD

FIG. 45

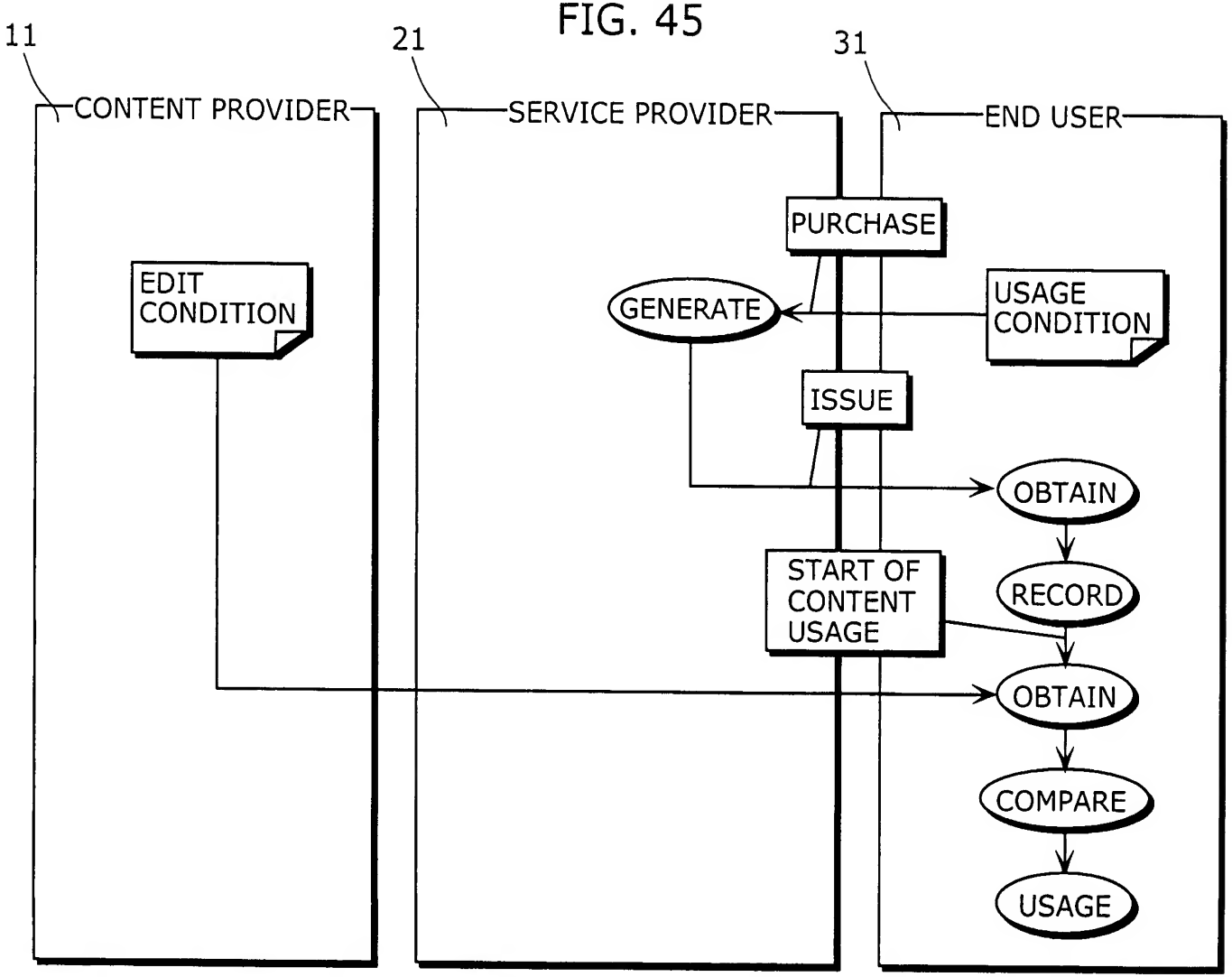

11
21
31
CONTENT PROVIDER
SERVICE PROVIDER
END USER
EDIT CONDITION
PURCHASE
GENERATE
USAGE CONDITION
ISSUE
OBTAIN
START OF CONTENT USAGE
RECORD
OBTAIN
COMPARE
USAGE

FIG. 46

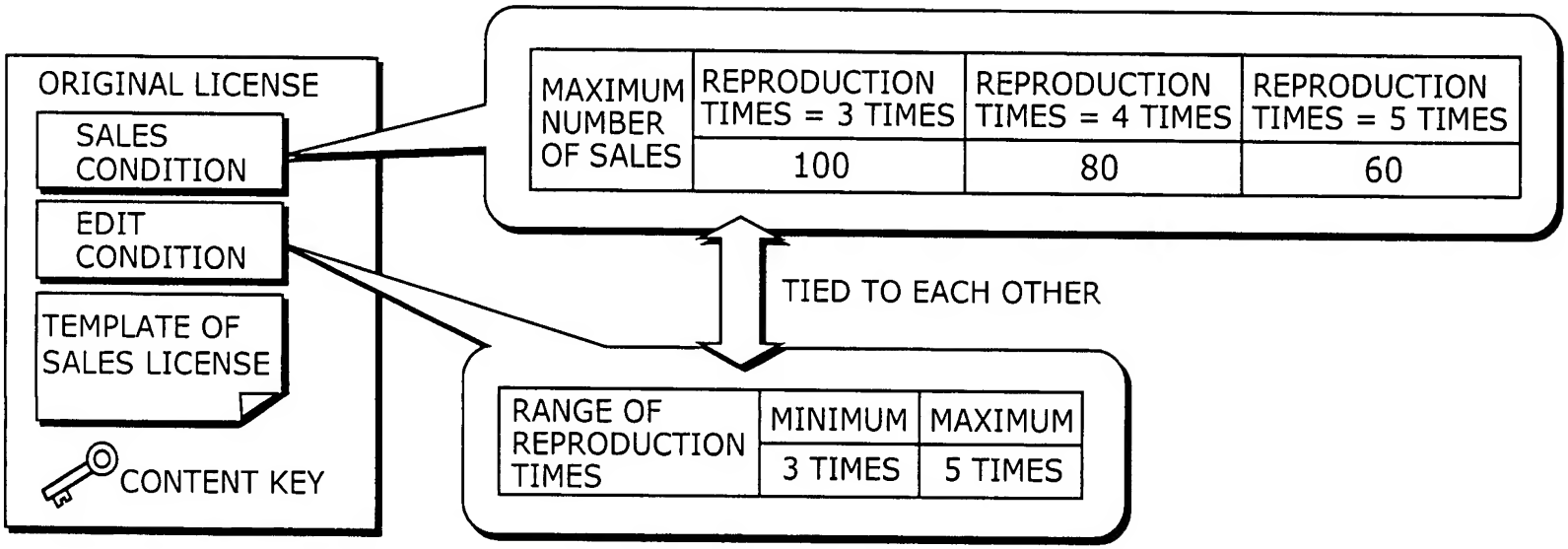

ORIGINAL LICENSE
SALES CONDITION
EDIT CONDITION
TEMPLATE OF SALES LICENSE
CONTENT KEY
MAXIMUM NUMBER OF SALES
REPRODUCTION TIMES = 3 TIMES
REPRODUCTION TIMES = 4 TIMES
REPRODUCTION TIMES = 5 TIMES
100
80
60
TIED TO EACH OTHER
RANGE OF REPRODUCTION TIMES
MINIMUM
MAXIMUM
3 TIMES
5 TIMES

FIG. 47

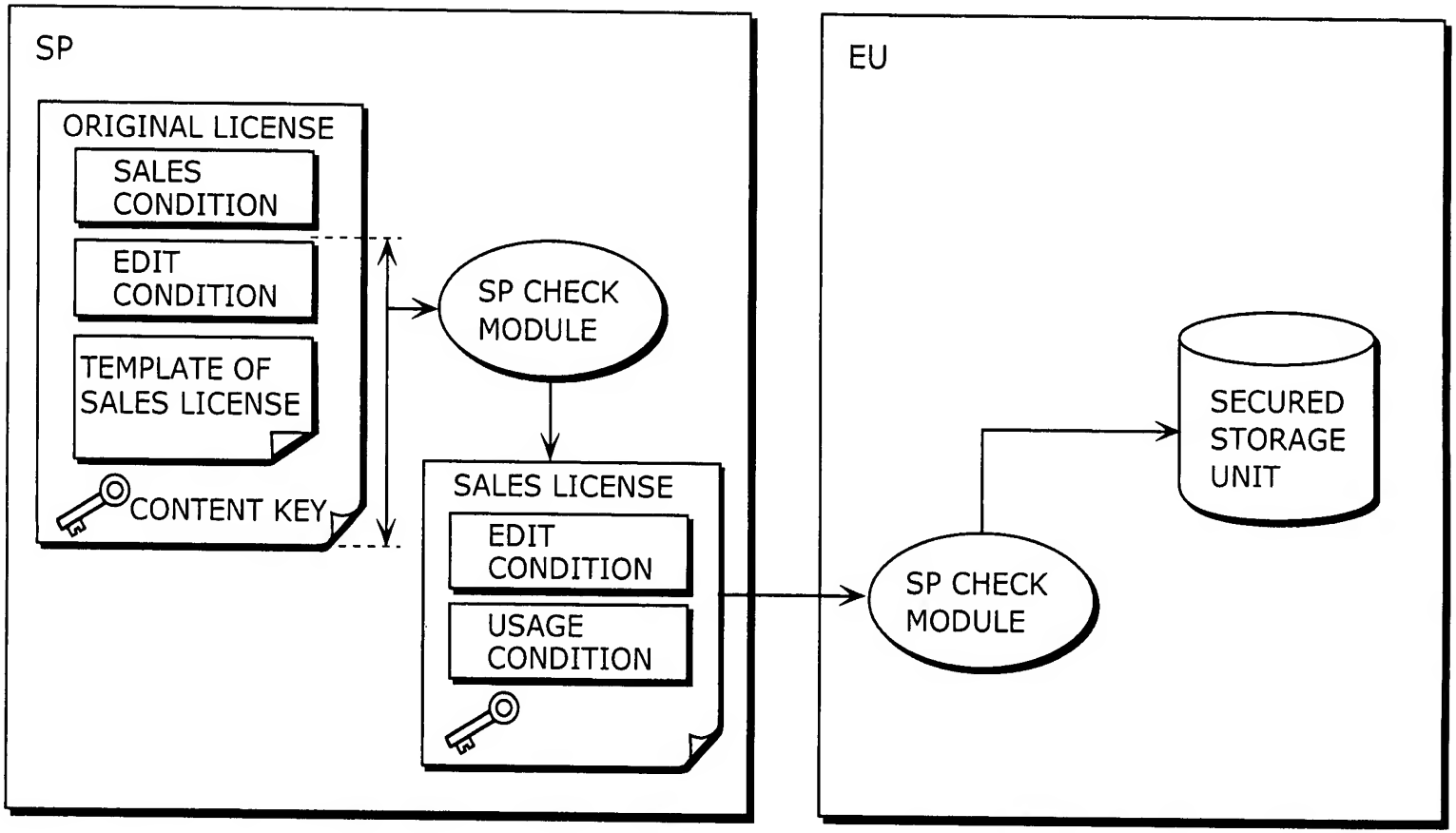

SP
ORIGINAL LICENSE
SALES CONDITION
EDIT CONDITION
TEMPLATE OF SALES LICENSE
CONTENT KEY
SP CHECK MODULE
SALES LICENSE
EDIT CONDITION
USAGE CONDITION
EU
SECURED STORAGE UNIT
SP CHECK MODULE

FIG. 48

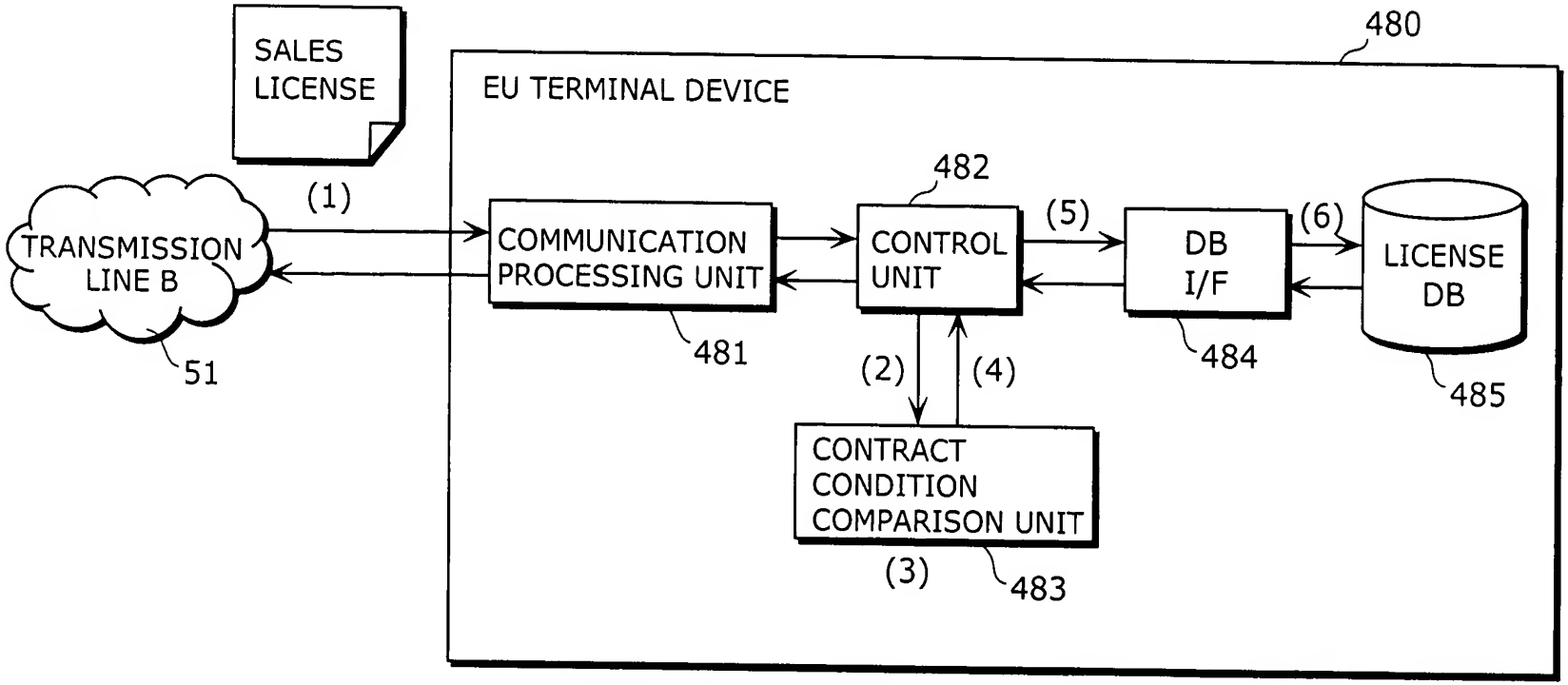
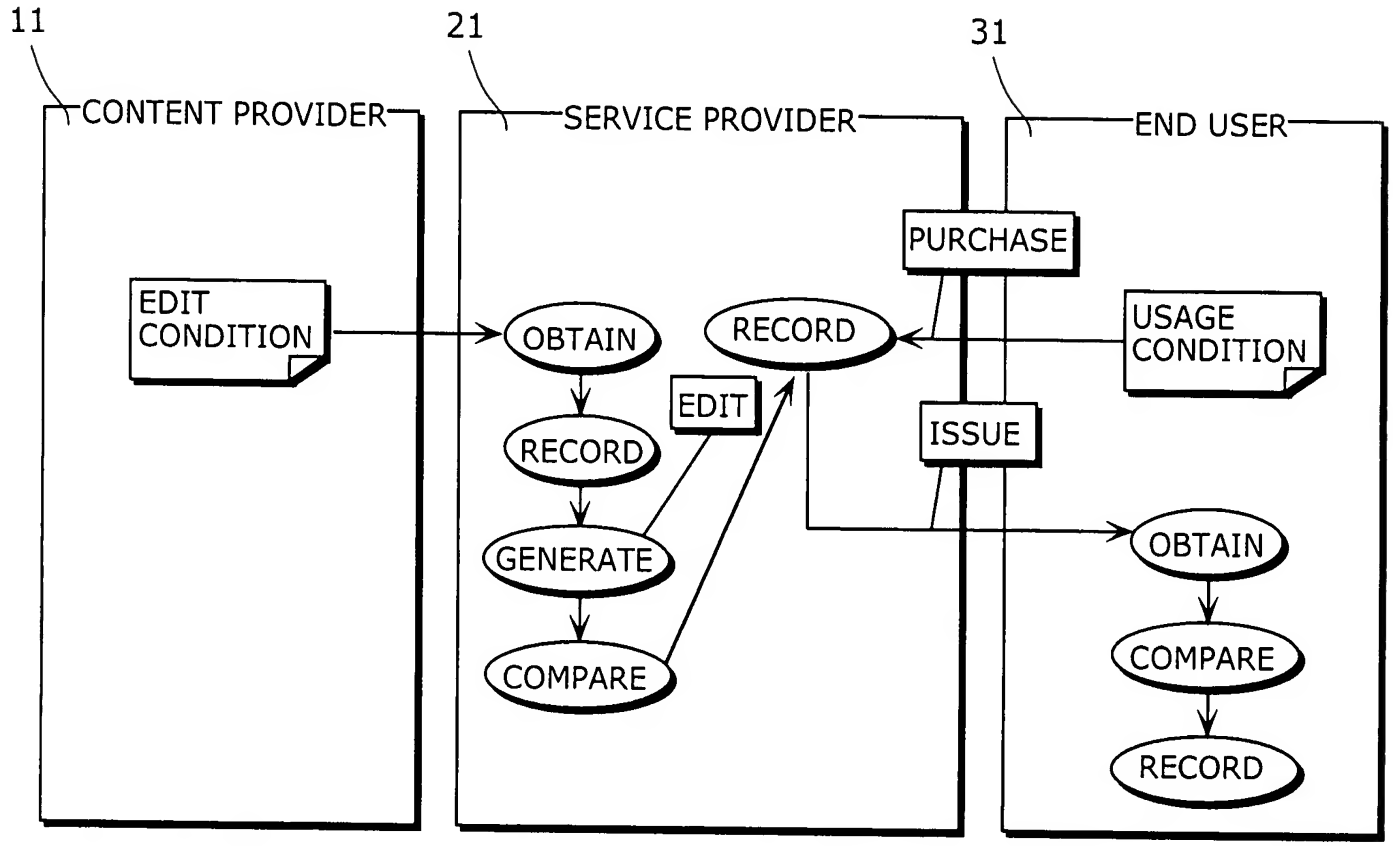

SALES LICENSE
480
EU TERMINAL DEVICE
482
(1)
TRANSMISSION LINE B
COMMUNICATION PROCESSING UNIT
CONTROL UNIT
(5)
DB I/F
(6)
LICENSE DB
51
481
484
485
(2)
(4)
CONTRACT CONDITION COMPARISON UNIT
(3)
483

FIG. 49


11
21
31
CONTENT PROVIDER
SERVICE PROVIDER
END USER
EDIT CONDITION
OBTAIN
RECORD
EDIT
GENERATE
COMPARE
PURCHASE
RECORD
USAGE CONDITION
ISSUE
OBTAIN
COMPARE
RECORD